

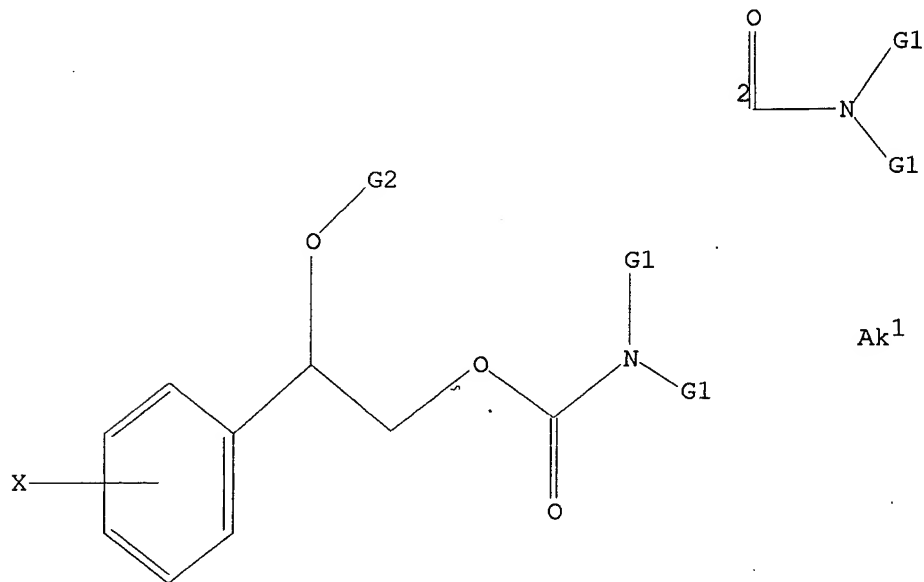
10/081;501,713,764,943

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 H, [01]

G2 H, [02]

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:44:07 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 124 TO ITERATE

100.0% PROCESSED 124 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1812 TO 3148

PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

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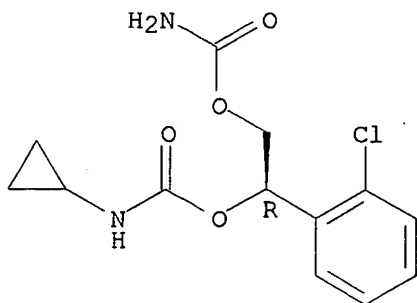
L2 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI)

MF C13 H15 Cl N2 O4

Absolute stereochemistry. Rotation (+).

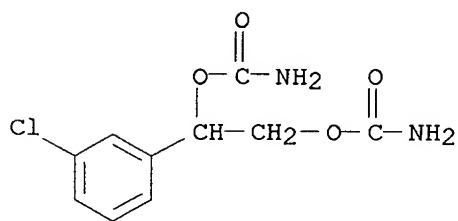
10/081,501,713,764,943



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS  
IN 1,2-Ethanediol, 1-(3-chlorophenyl)-, dicarbamate (9CI)  
MF C10 H11 Cl N2 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 ful  
FULL SEARCH INITIATED 14:45:25 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 2467 TO ITERATE

100.0% PROCESSED 2467 ITERATIONS  
SEARCH TIME: 00.00.01

28 ANSWERS

L3 28 SEA SSS FUL L1

=> file caplus,uspatful  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
148.95	149.16

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:45:48 ON 23 FEB 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

10/081;501,713,764,943

FILE 'USPATFULL' ENTERED AT 14:45:48 ON 23 FEB 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 13

L4 31 L3

=> d 1-31 bib,abs,hitstr

L4 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2003:76600 CAPLUS

TI Carbamate compounds for use in preventing or treating neuropathic pain and cluster and migraine headache-associated pain

IN Codd, Ellen C.; Plata-Salaman, Carlos R.; Zhao, Boyu

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 29 pp.

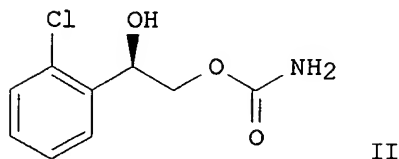
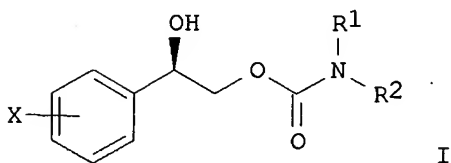
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003007936	A1	20030130	WO 2002-US21787	20020711
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, SM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, GB, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2001-305687P	P	20010716		
GI					



AB This invention is directed to a method for preventing or treating neuropathic pain and cluster and migraine headache-assocd. pain comprising administering to a subject in need thereof a therapeutically effective amt. of an enantiomer of I (X = 1-5 halogen atoms, independently fluorine, chlorine, bromine and iodine; R1, R2 = H, C1-C4 alkyl, C1-C4 alkyl

10/081;501,713,764,943

substituted with Ph (wherein Ph is optionally substituted with H, halo, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano)) substantially free of other enantiomers or an enantiomeric mixt. wherein an enantiomer of I predominates. II showed antiallodynic activity in rats.

IT 194085-74-0

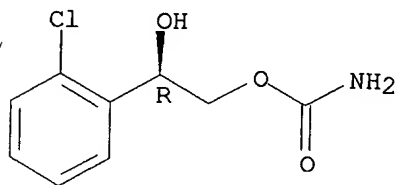
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(carbamate compds. for use in preventing or treating neuropathic pain and cluster and migraine headache-assocd. pain)

RN 194085-74-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2003:76598 CAPLUS

DN 138:117665

TI Carbamate compounds for use in preventing or treating neuropathic pain and clusters and migraine headache-associated pain

IN Codd, Ellen C.; Plata-Salaman, Carlos R.; Zhao, Boyu

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 34 pp.

CODEN: PIXXD2

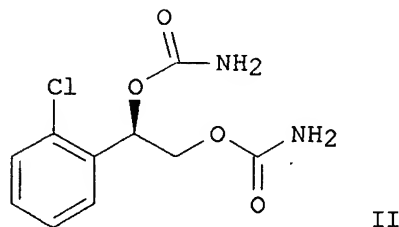
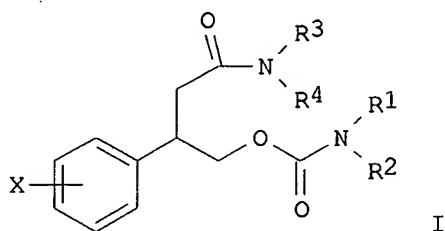
DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003007934	A1	20030130	WO 2000-US221897	20020711
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI US 2001-305636P	P	20010716		
GI				

10/081;501,713,764,943



AB This invention is directed to a method for preventing or treating neuropathic pain and cluster and migraine headache-assocd. pain comprising administering to a subject in need thereof a therapeutically effective amt. of I (X = 1-5 halogen atoms, independently fluorine, chlorine, bromine and iodine; R1, R2, R3 and R4 = H, C1-C4 alkyl, C1-C4 alkyl substituted with Ph (wherein Ph is optionally substituted with H, halo, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano)). II showed antiallodynic activity in rats.

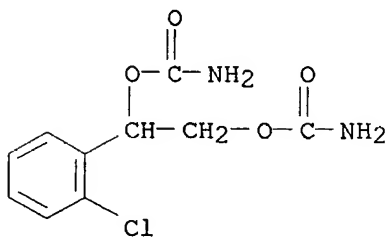
IT 194085-57-9 194085-57-9D, racemic mixts. or enantiomers  
194085-58-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(carbamate compds. for use in preventing or treating neuropathic pain and clusters and migraine headache-assocd. pain)

RN 194085-57-9 CAPLUS

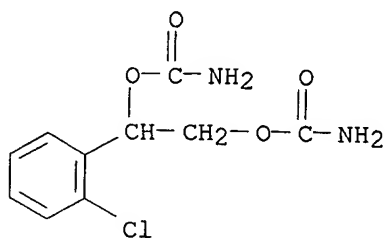
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-57-9 CAPLUS

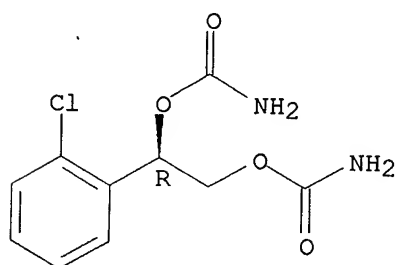
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

10/081;501,713,764,943



RN 194085-58-0 CAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

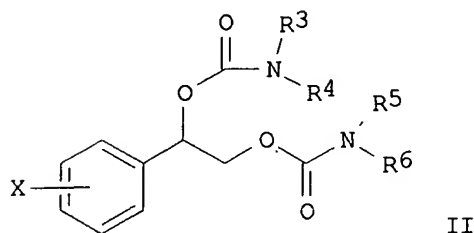
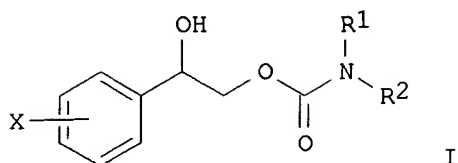
Absolute stereochemistry. Rotation (+).



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:675831 CAPLUS  
DN 137:179915  
TI Phenyl carbamate compounds for use in preventing or treating psychotic disorders  
IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.  
PA Ortho-McNeil Pharmaceutical, Inc., USA  
SO PCT Int. Appl., 31 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067927	A1	20020906	WO 2002-US6119	20020221
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	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2002165272	A1	20021107	US 2002-81761	20020221
PRAI	US 2001-271889P	P	20010227		
	US 2002-81761	A	20020221		
OS	MARPAT 137:179915				
GI					



AB This invention is directed to a method for preventing or treating psychotic disorders comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. selected from the group consisting of formula I and formula II wherein X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy; amino, nitro and cyano). The psychotic disorders are selected from schizophrenia, schizophreniform disorder, schizo-affective disorder, delusional disorder, brief psychotic disorder, shared psychotic disorder, psychotic disorder due to a general medical condition, substance-induced psychotic disorder. The schizophrenia is selected from paranoid schizophrenia, hebephrenic schizophrenia, catatonic schizophrenia, undifferentiated schizophrenia, post-schizophrenic depression, residual schizophrenia, simple schizophrenia or unspecified schizophrenia. Thus, compds. I and II (x = ortho-Cl, R1-R6 = H) were tested in rats in preventing or treating psychotic disorders. The therapeutically effective amt. is from about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT 194085-58-0 194085-75-1

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

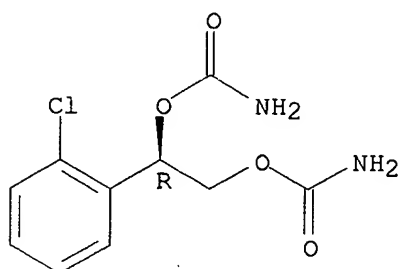
(Ph carbamate compds. for use in preventing or treating psychotic disorders)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

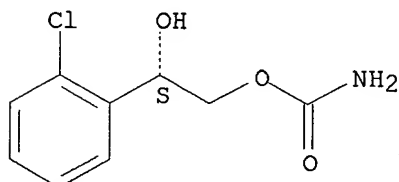
10/081;501,713,764,943



RN 194085-75-1 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2002:675830 CAPLUS

DN 137:179914

TI Phenyl carbamate compounds for use in preventing or treating movement disorders

IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

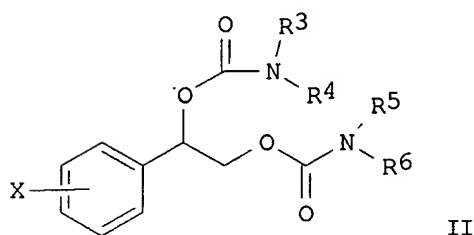
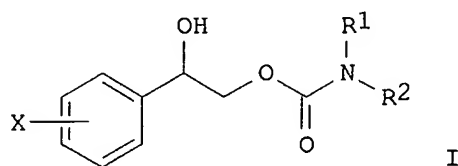
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067926	A1	20020906	WO 2002-US5542	20020221
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002151585	A1	20021017	US 2002-81501	20020221
PRAI	US 2001-271683P	P	20010227		
	US 2002-81501	A	20020221		
OS	MARPAT 137:179914				
GI					





AB This invention is directed to a method for preventing or treating movement disorders comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. selected from the group consisting of formula I and formula II: wherein X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). The movement disorders are selected from benign essential tremor, tremor in Parkinson's disease, Parkinsonism tremor, other non-related essential tremors, other non-related Parkinsonism tremors, drug-induced tremors and movement disorders, restless leg syndrome, restless arm syndrome, chorea in Huntington's disease, tremors assocd. with multiple sclerosis or Gilles de La Tourette's syndrome, post-spinal cord injury spasms, post-anoxic spasms, idiopathic torsion dystonia, focal torsion dystonia, myoclonus, athetosis, paroxysmal movement disorders (selected from paroxysmal dystonia, paroxystic ataxia or paroxystic tremors) or abnormal movements (selected from Wilson's disease). Thus, compds. I and II were tested in rats for use in preventing or treating movement disorders. The therapeutically effective amt. is from about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT 194085-58-0 194085-75-1

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

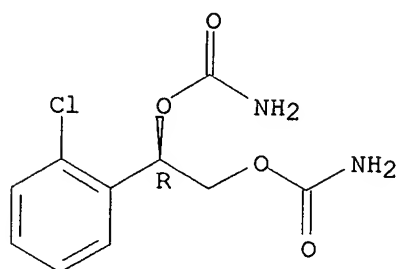
(Ph carbamate compds. for use in preventing or treating movement disorders)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

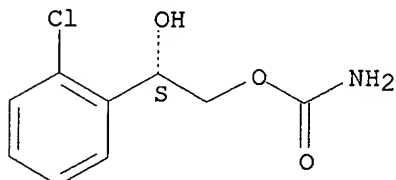
Absolute stereochemistry. Rotation (+).

10/081;501,713,764,943



RN 194085-75-1 CAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

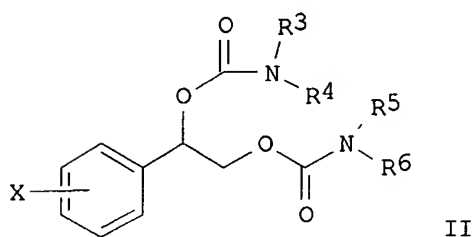
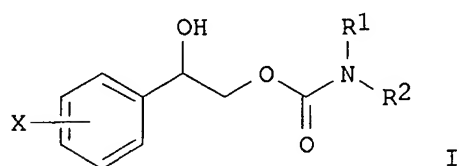
Absolute stereochemistry. Rotation (+).



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:675829 CAPLUS  
DN 137:179913  
TI Phenyl carbamate compounds for use in preventing or treating  
neurodegenerative disorders  
IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.  
PA Ortho-McNeil Pharmaceutical, Inc., USA  
SO PCT Int. Appl., 34 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067925	A1	20020906	WO 2002-US5541	20020221
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002165273	A1	20021107	US 2002-81764	20020221
PRAI	US 2001-271682P	P	20010227		
	US 2002-81764	A	20020221		
OS	MARPAT 137:179913				
GI					



AB This invention is directed to a method for preventing or treating neurodegenerative disorders comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. selected from the group consisting of formula I and formula II, wherein X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). The neurodegenerative disorders are selected from the group consisting of acute neurodegenerative disorders, chronic neurodegenerative disorders, other acute or chronic neurodegenerative disorders assocd. with memory loss and other acute or chronic neurodegenerative disorders assocd. with neuronal injury. The chronic neurodegenerative disorders are selected from Alzheimer's disease, chronic epileptic conditions assocd. with neurodegeneration, multiple sclerosis or Parkinson's disease. Thus, title I and II (X = ortho-Cl, R1-R6 = H) were tested in rats for treatment of neurodegenerative disorders. The therapeutically effective amt. is from about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT **194085-58-0 194085-75-1**

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

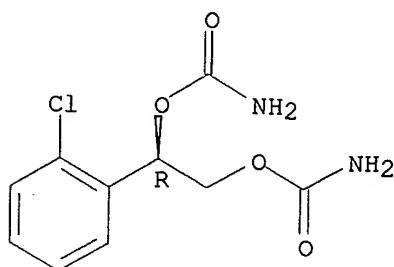
(Ph carbamate compds. for use in preventing or treating neurodegenerative disorders)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

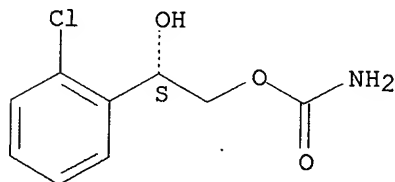
10/081;501,713,764,943



RN 194085-75-1 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2002:675828 CAPLUS

DN 137:179912

TI Phenyl carbamate compounds for use in preventing or treating bipolar disorder

IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.; Choi, Yong Moon; Gordon, Robert

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 24 pp.

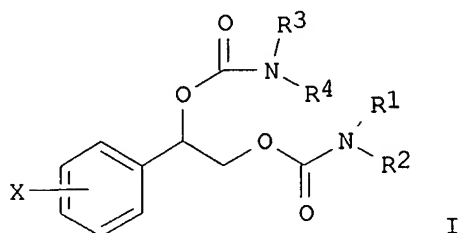
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067924	A1	20020906	WO 2002-US5425	20020221
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2002193433	A1	20021219	US 2002-81606	20020221
PRAI	US 2001-271680P	P	20010227		
	US 2002-81606	A	20020221		
OS	MARPAT 137:179912				
GI					



AB This invention is directed to a method for preventing or treating bipolar disorder comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. of formula I; wherein Ph is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R4 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). Bipolar disorder is selected from the group consisting of bipolar disorder type I, bipolar disorder type II, cyclothymic disorder, rapid cycling, ultradian cycling, bipolar depression, acute mania, mania, mixed mania, hypomania and episodes assocd. with bipolar disorder. These compds., e.g. I (X = ortho-Cl, R1-R4 = H), were tested in rats for treatment against bipolar disorder and the therapeutically effective amt. is about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT **194085-58-0**

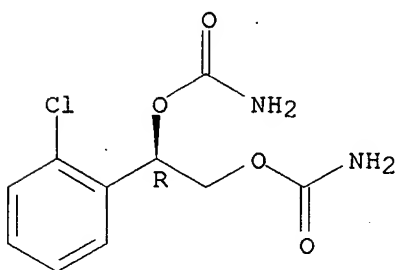
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Ph carbamate compds. for use in preventing or treating bipolar disorder)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2002:675827 CAPLUS

DN 137:179911

TI Phenyl carbamate compounds for use in preventing or treating anxiety disorders

10/081;501,713,764,943

IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 30 pp.

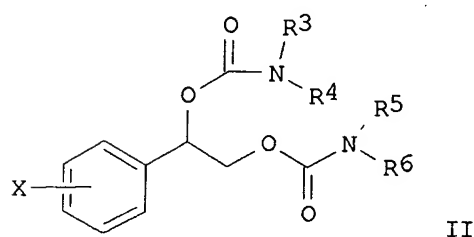
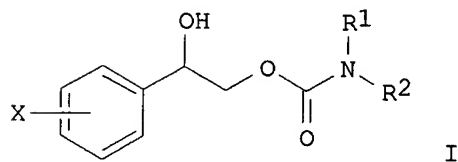
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067923	A1	20020906	WO 2002-US5423	20020221
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002143053	A1	20021003	US 2002-81713	20020221
PRAI	US 2001-271689P	P	20010227		
OS	MARPAT 137:179911				
GI					



AB This invention is directed to a method for preventing or treating anxiety disorders comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. selected from the group consisting of formula I and formula II; wherein X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). The anxiety disorders are selected from generalized anxiety disorder, panic disorders, impulse control disorders, phobic disorders, posttraumatic stress disorder,

10/081;501,713,764,943

dissociative states (selected from amnesia, somnambulism, dissociative identity disorder or depersonalization), presurgical anxiety states, postsurgical anxiety states or other medical or psychiatric induced anxiety conditions (selected from anxiety resulting from traumatic brain injury, chronic pain disorders or other chronic disease conditions). The therapeutically effective amt. is from about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT 194085-58-0 194085-75-1

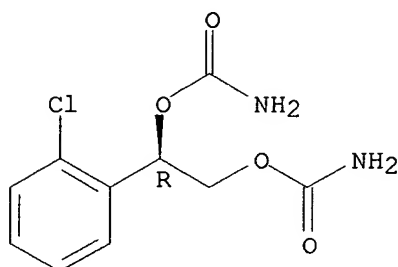
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Ph carbamate compds. for use in preventing or treating anxiety disorders)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

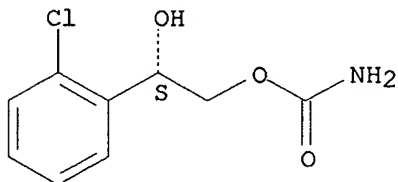
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2002:675826 CAPLUS

DN 137:179910

TI Phenyl carbamate compounds for use in the treatment of acute or chronic pain

IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

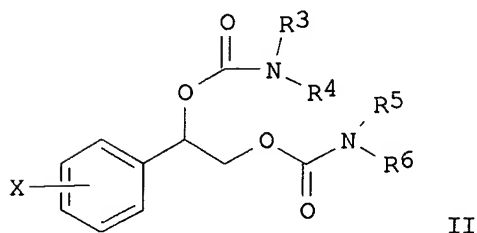
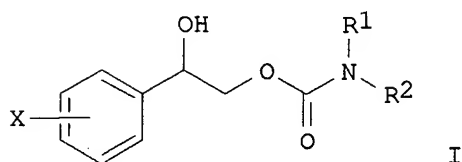
DT Patent

LA English

FAN.CNT 1

10/081;501,713,764,943

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067922	A1	20020906	WO 2002-US5421	20020221
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002156127	A1	20021024	US 2002-81943	20020221
PRAI	US 2001-271888P	P	20010227		
OS	MARPAT 137:179910				
GI					



AB This invention is directed to a method for the treatment of acute or chronic pain comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. selected from the group consisting of formula I and formula II, wherein X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1-R6 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). The acute pain is selected from post-operative pain, kidney stone pain, gallbladder pain, gallstone pain, obstetric pain, rheumatol. pain, dental pain or pain caused by sports-medicine injuries, carpal tunnel syndrome, burns, musculoskeletal sprains and strains, musculotendinous strain, cervicobrachial pain syndromes, dyspepsia, gastric ulcer, duodenal ulcer, dysmenorrhea or endometriosis. The chronic pain is selected from upper back pain or lower back pain (selected from back pain) resulting from systematic, regional or primary spine disease (selected from radiculopathy), bone pain (selected from bone pain due to osteoarthritis,



10/081;501,713,764,943

osteoporosis, bone metastases or unknown reasons), pelvic pain, spinal cord injury-assocd. pain, cardiac chest pain, non-cardiac chest pain, central post-stroke pain, myofascial pain, cancer pain, AIDS pain, sickle cell pain, geriatric pain or pain caused by headache, migraine, trigeminal neuralgia, temporomandibular joint syndrome, fibromyalgia syndrome, osteoarthritis, rheumatoid arthritis, gout, fibrositis or thoracic outlet syndromes. Thus, I and II (X = ortho-Cl, R1-R6 = H) were tested in rats for the treatment of acute or chronic pain with the effective amt. is from about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT 194085-58-0 194085-75-1

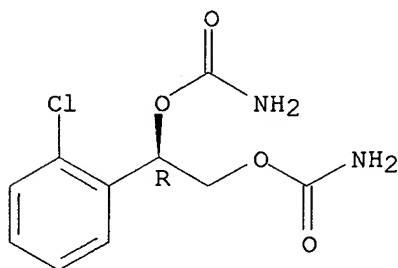
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Ph carbamate compds. for use in the treatment of acute or chronic pain)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

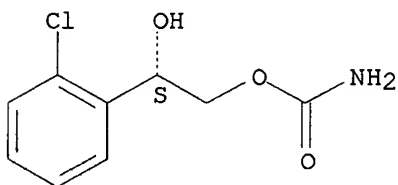
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2002:675825 CAPLUS

DN 137:179909

TI Phenyl carbamate compounds for use in preventing or treating bipolar disorder

IN Plata-Salaman, Carlos R.; Zhao, Boyu; Twyman, Roy E.; Choi, Yong Moon; Gordon, Robert

PA Ortho-McNeil Pharmaceutical, Inc., USA

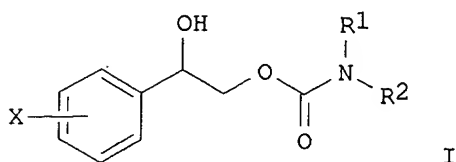
SO PCT Int. Appl., 24 pp.

CODEN: PIXXD2

10/081;501,713,764,943

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067921	A1	20020906	WO 2002-US5297	20020221
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002198257	A1	20021226	US 2002-81766	20020221
PRAI	US 2001-271681P	P	20010227		
	US 2002-81766	A	20020221		
OS	MARPAT 137:179909				
GI					



AB This invention is directed to a method for preventing or treating bipolar disorder comprising administering to a subject in need thereof a therapeutically effective amt. of a compd. of formula I; wherein Ph is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R1 and R2 are independently selected from the group consisting of hydrogen and C1-C4 alkyl; wherein C1-C4 alkyl is optionally substituted with Ph (wherein Ph is optionally substituted with substituents independently selected from the group consisting of halogen, C1-C4 alkyl, C1-C4 alkoxy, amino, nitro and cyano). Bipolar disorder is selected from the group consisting of bipolar disorder type I, bipolar disorder type II, cyclothymic disorder, rapid cycling, ultradian cycling, bipolar depression, acute mania, mania, mixed mania, hypomania and episodes assocd. with bipolar disorder. These compds., e.g. I (X = ortho-Cl, R1 = R2 = H), were tested in rats for treatment against bipolar disorder and the therapeutically effective amt. is about 0.01 mg/Kg/dose to about 100 mg/Kg/dose.

IT 194085-75-1

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

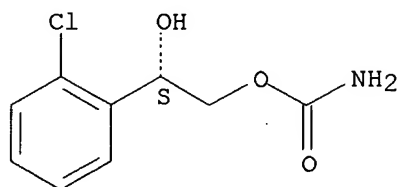
(carbamate compds. for use in preventing or treating bipolar disorder)

RN 194085-75-1 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

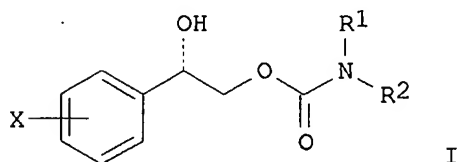
10/081;501,713,764,943



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:89891 CAPLUS  
DN 136:129078  
TI Carbamate compounds for use in preventing or treating neuropathic pain and cluster and migraine headache-associated pain  
IN Codd, Ellen E.; Shank, Richard P.; Rogers, Katherine E.; Plata-Salaman, Carlos R.; Zhao, Boyu  
PA Ortho-McNeil Pharmaceutical, Inc., USA  
SO PCT Int. Appl., 31 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002007822	A2	20020131	WO 2001-US22322	20010716
	WO 2002007822	A3	20020530		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002107283	A1	20020808	US 2001-906251	20010716
PRAI	US 2000-219657P	P	20000721		
OS	MARPAT 136:129078				
GI					

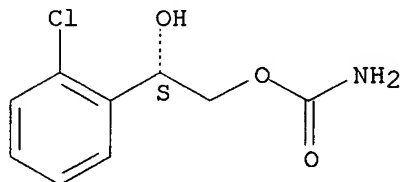


AB A method is provided for preventing or treating neuropathic pain and cluster and migraine headache-assocd. pain which comprises administering to a subject in need thereof a therapeutically effective amt. of an enantiomer of formula I [Ph is substituted at X with 1-5 halo independently selected from F, Cl, Br, I; R1, R2 = H, (substituted) C1-C4 alkyl] substantially free of other enantiomers or an enantiomeric mixt. where an enantiomer of formula I predominates.

10/081;501,713,764,943

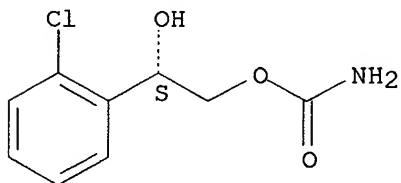
IT 194085-75-1 194085-75-1D, N-substituted derivs.  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
(carbamate compds. for preventing or treating neuropathic pain and  
cluster and migraine headache-assocd. pain)  
RN 194085-75-1 CAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX  
NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-75-1 CAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX  
NAME)

Absolute stereochemistry. Rotation (+).



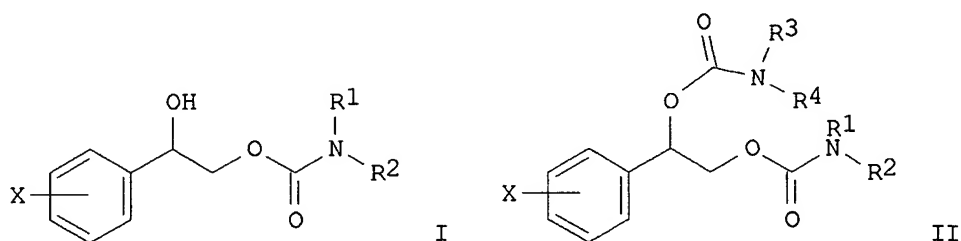
L4 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:781465 CAPLUS  
DN 135:331265  
TI Preparation of anticonvulsant halogen-substituted carbamate compounds from  
2-phenyl-1,2-ethanediol  
IN Choi, Yong Moon; Kim, Min Woo; Park, Jeonghan  
PA Choi, Yong, USA  
SO U.S. Pat. Appl. Publ., 8 pp., Cont.-in-part of U.S. Ser. No. 220,494,  
abandoned.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2001034365	A1	20011025	US 2001-774736	20010131
	US 5698588	A	19971216	US 1996-586497	19960116
	US 5854283	A	19981229	US 1997-781101	19970109
PRAI	US 1996-586497	A2	19960116		
	US 1997-781101	A3	19970109		
	US 1998-220494	B2	19981223		

OS CASREACT 135:331265; MARPAT 135:331265

GI

10/081;501,713,764,943



AB Enantiomeric forms of monocarbamates [I; X = 1-5 halogen atoms selected from fluorine, chlorine, bromine, iodine; R1, R2 = H, (un)branched (un)substituted C1-4 alkyl, (un)substituted Ph; e.g., (DL)-[2-(2-chlorophenyl)-2-carbamoyloxyethyl]oxocarboxamide, m.p. 190.degree.] of halogenated 2-phenyl-1,2-ethanediol and dicarbamates [II; R3, R4 = H, (un)branched (un)substituted C1-4 alkyl, (un)substituted Ph] of halogenated 2-phenyl-1,2-ethanediols are prepd. and have been found to be effective in the treatment of disorders of the central nervous system, esp. as anticonvulsive (e.g., ED50 = 33.7 mg/kg in a rat electroconvulsive assay) or antiepileptic agents.

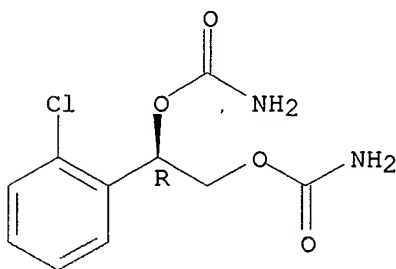
IT 194085-58-0P 194085-67-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(prepn. of anticonvulsant halogen-substituted carbamate compds. from 2-phenyl-1,2-ethanediol)

RN 194085-58-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

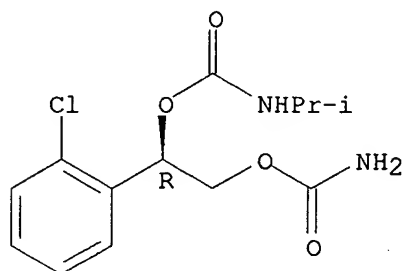


RN 194085-67-1 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyloxy)-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

10/081;501,713,764,943

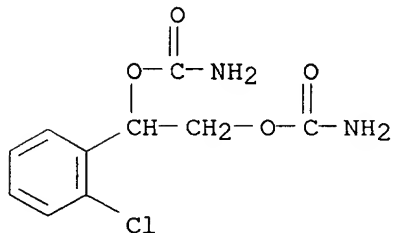


IT 194085-57-9P 194085-59-1P 194085-60-4P  
194085-61-5P 194085-62-6P 194085-63-7P  
194085-64-8P 194085-65-9P 194085-66-0P  
194085-68-2P 194085-69-3P 194085-70-6P  
194085-71-7P 194085-72-8P 194085-73-9P  
194085-74-0P 194085-75-1P 194085-76-2P  
194085-77-3P 194085-78-4P 194085-79-5P  
194085-80-8P 194085-81-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of anticonvulsant halogen-substituted carbamate compds. from 2-phenyl-1,2-ethanediol)

RN 194085-57-9 CAPLUS

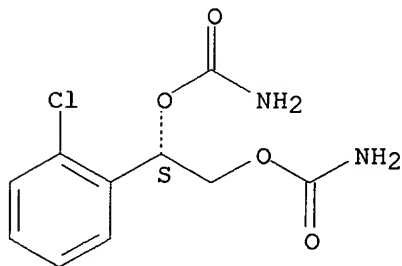
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-59-1 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

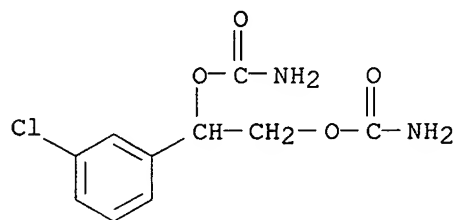
Absolute stereochemistry. Rotation (-).



RN 194085-60-4 CAPLUS

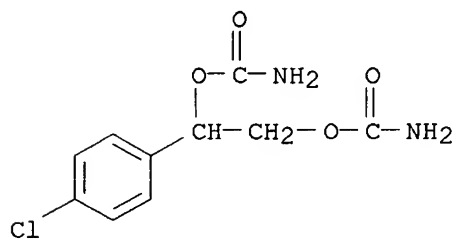
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

10/081;501,713,764,943



RN 194085-61-5 CAPLUS

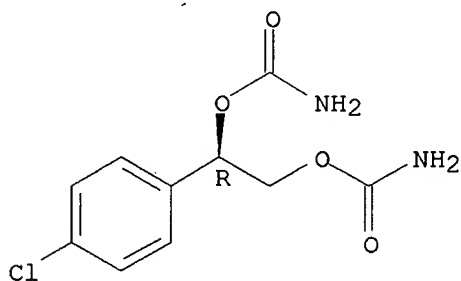
CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-62-6 CAPLUS

CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

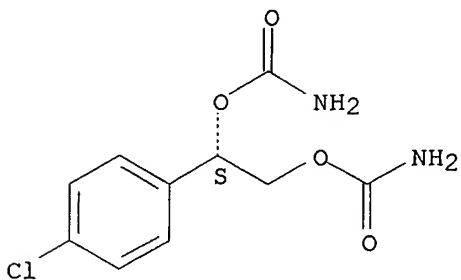
Absolute stereochemistry. Rotation (-).



RN 194085-63-7 CAPLUS

CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

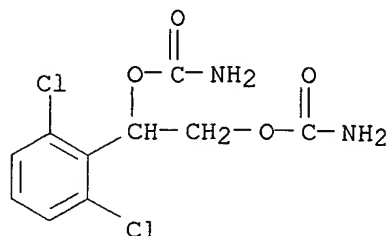
Absolute stereochemistry. Rotation (+).



10/081;501,713,764,943

RN 194085-64-8 CAPLUS

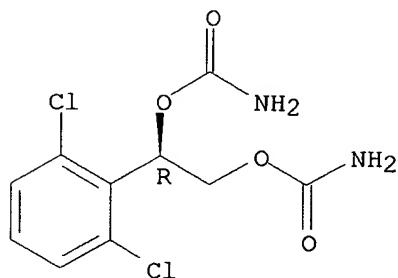
CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-65-9 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

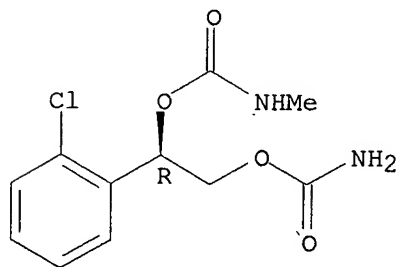
Absolute stereochemistry. Rotation (+).



RN 194085-66-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



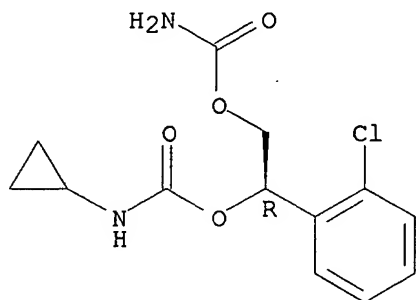
RN 194085-68-2 CAPLUS

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



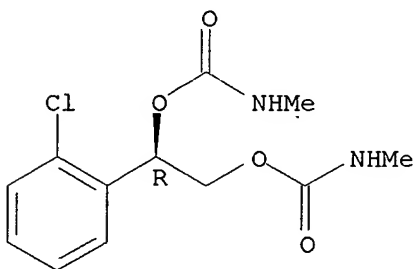
10/081;501,713,764,943



RN 194085-69-3 CAPLUS

CN 1,2-Ethandiol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

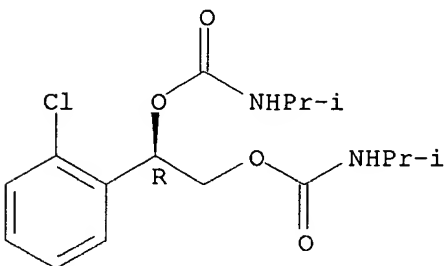
Absolute stereochemistry.



RN 194085-70-6 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

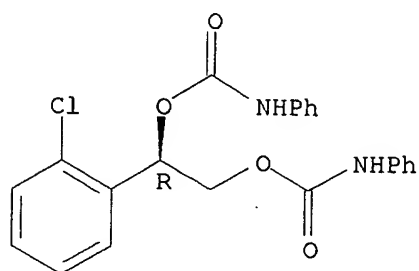


RN 194085-71-7 CAPLUS

CN 1,2-Ethandiol, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

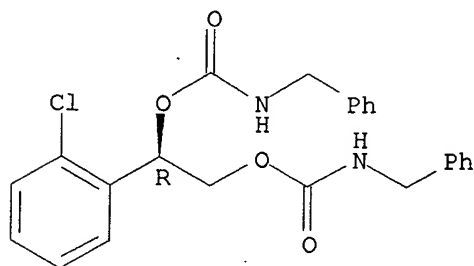
10/081;501,713,764,943



RN 194085-72-8 CAPLUS

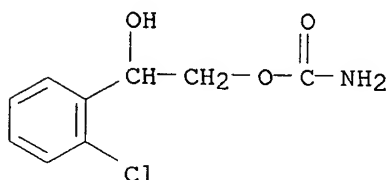
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 CAPLUS

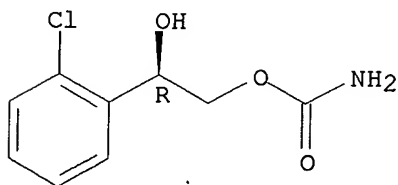
CN 1,2-Ethanol, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-74-0 CAPLUS

CN 1,2-Ethanol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

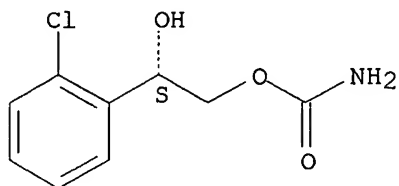


RN 194085-75-1 CAPLUS

CN 1,2-Ethanol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

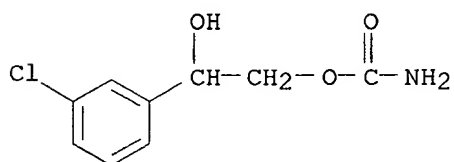
10/081;501,713,764,943

Absolute stereochemistry. Rotation (+).



RN 194085-76-2 CAPLUS

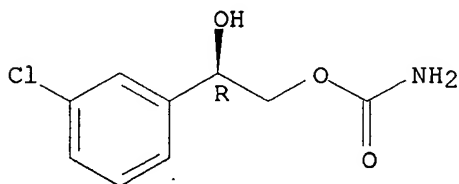
CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-77-3 CAPLUS

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

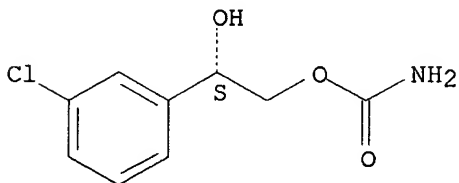
Absolute stereochemistry.



RN 194085-78-4 CAPLUS

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

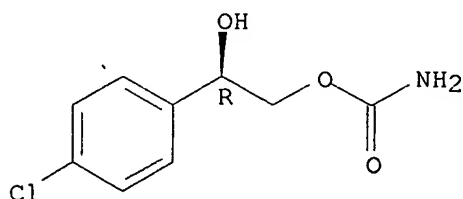


RN 194085-79-5 CAPLUS

CN 1,2-Ethanedithiol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

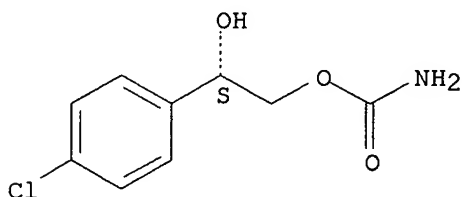
10/081;501,713,764,943



RN 194085-80-8 CAPLUS

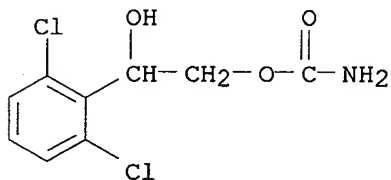
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-81-9 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



L4 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 2001:152476 CAPLUS

DN 134:202706

TI Composition comprising a tramadol material and an anticonvulsant drug

IN Codd, Ellen E.; Martinez, Rebecca P.; Rogers, Kathryn E.

PA Ortho-McNeil Pharmaceutical, Inc., USA

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

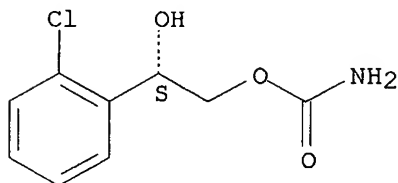
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001013904	A2	20010301	WO 2000-US21622	20000809
	WO 2001013904	A3	20010614		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,

10/081;501,713,764,943

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
BR 2000013439 A 20020430 BR 2000-13439 20000809  
EP 1210118 A2 20020605 EP 2000-957321 20000809  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL  
NO 2002000728 A 20020405 NO 2002-728 20020213  
PRAI US 1999-150201P P 19990820  
WO 2000-US21622 W 20000809  
AB This invention relates to a pharmaceutical compn. comprising a combination  
of a tramadol material and an anticonvulsant drug and to the pharmacol.  
use of the compn. in treating conditions of pain and neurol. or  
psychiatric disorders. The compn. produces a combination product having  
improved properties, requiring less of each ingredient and producing a  
synergistic effect. The synergistic effect of a tramadol-topiramate  
compn. was shown in rats.  
IT **194085-75-1**, RWJ 333369  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
(Uses)  
(synergistic combination of tramadol and an anticonvulsant)  
RN 194085-75-1 CAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX  
NAME)

Absolute stereochemistry. Rotation (+).

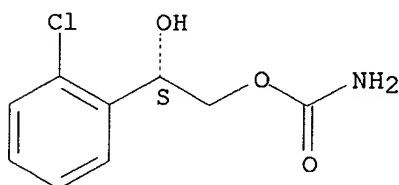


L4 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:78181 CAPLUS  
DN 134:136676  
TI Use of aliphatic alcohols and surfactants as permeation enhancers for  
transnasal anticonvulsive compositions  
IN Choi, Yong Wong; Li, Lianli; Kim, Kwon H.  
PA SK Corporation, USA  
SO PCT Int. Appl., 35 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI WO 2001006987 A2 20010201 WO 2000-US20119 20000724  
WO 2001006987 A3 20020124  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,

10/081;501,713,764,943

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
AU 2000061185 A5 20010213 AU 2000-61185 20000724  
EP 1196156 A2 20020417 EP 2000-947610 20000724  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO  
JP 2003505403 T2 20030212 JP 2001-511879 20000724  
PRAI US 1999-145590P P 19990726  
WO 2000-US20119 W 20000724  
AB A novel method of vehicle modulated administration of an anticonvulsive agent to the mucous membranes of humans and animals is disclosed. The vehicle system is an aq. pharmaceutical carrier comprising an aliph. alc. (10-80 %) or a glycol (10-80 %), and their combinations with a biol. surfactant such as a bile salt or a lecithin. The pharmaceutical compn. provides a means to control and promote the rate and extent of transmucosal permeation and absorption of the medicaments via a single and multiple administration. Nasal administration of the pharmaceutical prepn. produces a high plasma concn. of the anticonvulsant nearly as fast as i.v. administration. Such compns. are particularly suitable for a prompt and timely medication of patients in the acute and/or emergency treatment of status epilepticus and other fever-induced seizures. Addn. of 1% lysophosphatidylcholine to a soln. of diazepam increased the permeation across the rabbit nasal mucosal membrane at 37.degree. from 79.5 to 125.5 .mu.g/cm2/h.  
IT **194085-75-1**  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(use of aliph. alcs. and surfactants as permeation enhancers for transnasal anticonvulsive compns.)  
RN 194085-75-1 CAPLUS  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



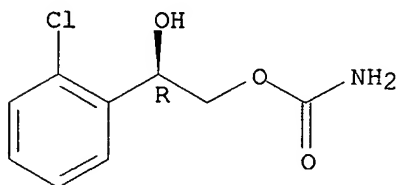
L4 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 1999:27674 CAPLUS  
DN 130:81295  
TI Preparation of 1-halophenyl-1,2-ethanediol (di)carbamates as anticonvulsants  
IN Choi, Yong Moon; Kim, Min Woo; Park, Jeonghan  
PA Yukong Limited, S. Korea  
SO U.S., 8 pp., Cont.-in-part of U.S. 5,698,588.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5854283	A	19981229	US 1997-781101	19970109
	US 5698588	A	19971216	US 1996-586497	19960116

10/081;501,713,764,943

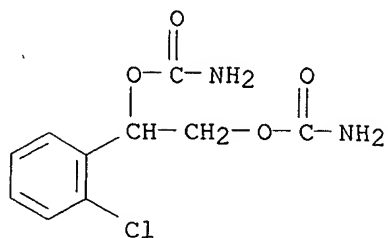
CA 2242865	AA 19970724	CA 1997-2242865	19970116
CN 1208402	A 19990217	CN 1997-191722	19970116
CN 1077567	B 20020109		
RU 2171800	C2 20010810	RU 1998-115573	19970116
JP 2002515029	T2 20020521	JP 1997-525878	19970116
US 6103759	A 20000815	US 1999-349850	19990708
US 6127412	A 20001003	US 1999-349852	19990708
US 2001034365	A1 20011025	US 2001-774736	20010131
PRAI US 1996-586497	A2 19960116		
US 1997-781101	A 19970109		
WO 1997-KR6	W 19970116		
US 1998-220494	A1 19981223		
OS MARPAT 130:81295			
AB RCH(OR7)CH2O2CR8 [I; R = halophenyl; R7 = H and R8 = NR1R2; R7 = CONR3R4 and R8 = NR5R6; R1-R6 = H, alkyl, (un)substituted phenylalkyl] were prepd. Thus, 2-ClC6H4CH(OH)CH2OH was treated with NaOCN and MeSO3H to give 2-ClC6H4CH(O2CNH2)CH2O2CNH2. Data for biol. activity of I were given.			
IT <b>194085-74-0P</b>			
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)			
(prepn. of 1-halophenyl-1,2-ethanediol (di)carbamates as anticonvulsants)			
RN 194085-74-0 CAPLUS			
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)			

Absolute stereochemistry. Rotation (+).



IT	194085-57-9P 194085-58-0P 194085-59-1P
	194085-60-4P 194085-61-5P 194085-62-6P
	194085-63-7P 194085-64-8P 194085-65-9P
	194085-66-0P 194085-67-1P 194085-68-2P
	194085-69-3P 194085-70-6P 194085-71-7P
	194085-72-8P 194085-73-9P 194085-75-1P
	194085-76-2P 194085-77-3P 194085-78-4P
	194085-79-5P 194085-80-8P 194085-81-9P
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
	(prepn. of 1-halophenyl-1,2-ethanediol (di)carbamates as anticonvulsants)
RN	194085-57-9 CAPLUS
CN	1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

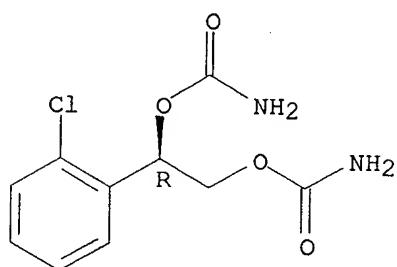
10/081;501,713,764,943



RN 194085-58-0 CAPLUS

CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, dicarbamate, (1R)-(9CI) (CA INDEX NAME)

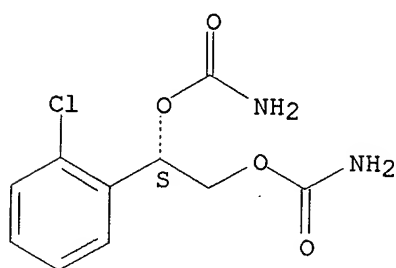
Absolute stereochemistry. Rotation (+).



RN 194085-59-1 CAPLUS

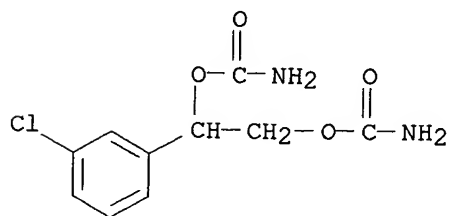
CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, dicarbamate, (1S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 194085-60-4 CAPLUS

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

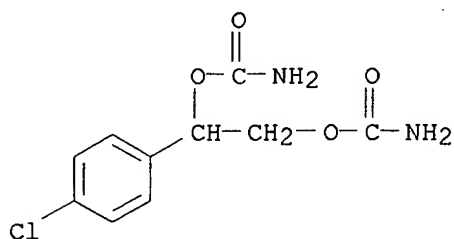




10/081;501,713,764,943

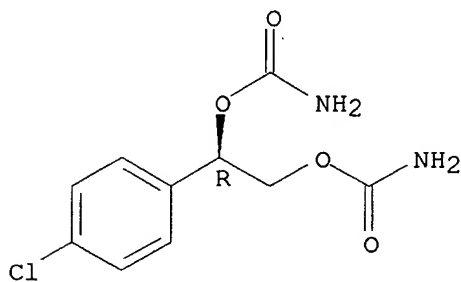
RN 194085-61-5 CAPLUS

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



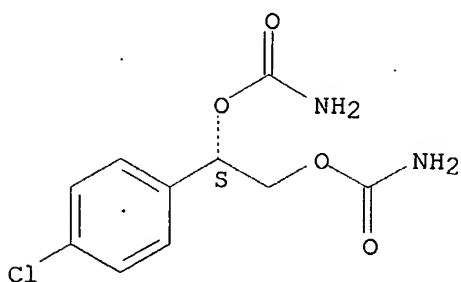
RN 194085-62-6 CAPLUS

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)



RN 194085-63-7 CAPLUS

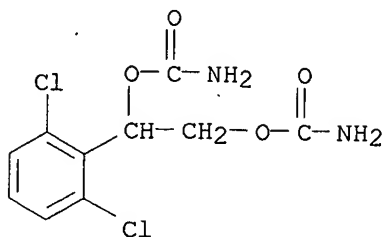
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)



RN 194085-64-8 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

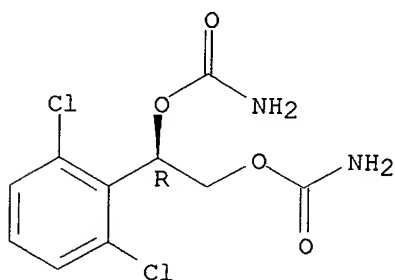
10/081;501,713,764,943



RN 194085-65-9 CAPLUS

CN 1,2-Ethanedithiol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

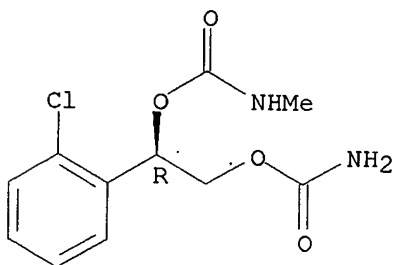
Absolute stereochemistry. Rotation (+).



RN 194085-66-0 CAPLUS

CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

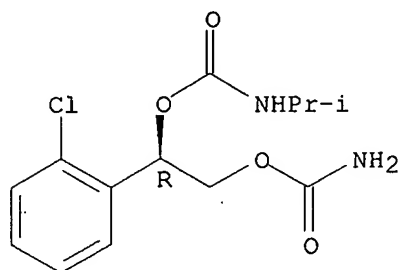


RN 194085-67-1 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

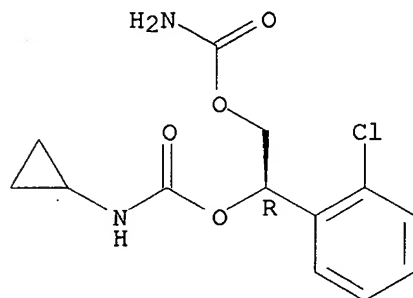
10/081;501,713,764,943



RN 194085-68-2 CAPLUS

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

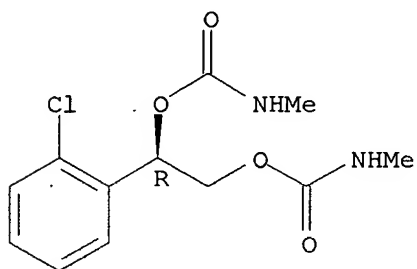
Absolute stereochemistry. Rotation (+).



RN 194085-69-3 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

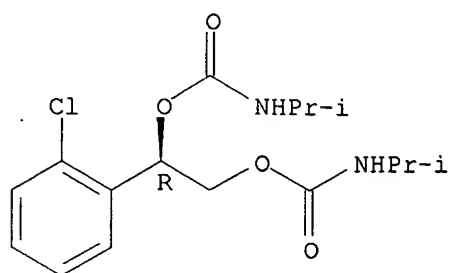


RN 194085-70-6 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

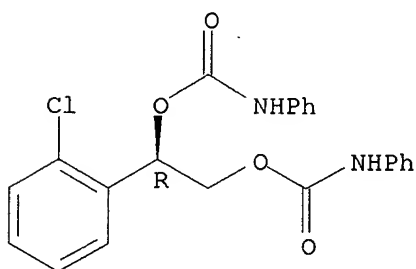
10/081;501,713,764,943



RN 194085-71-7 CAPLUS

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

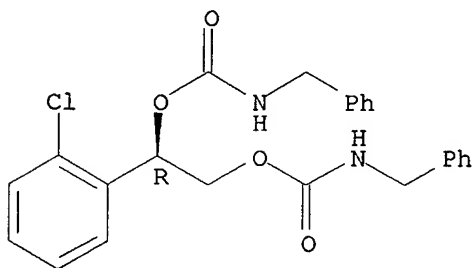
Absolute stereochemistry.



RN 194085-72-8 CAPLUS

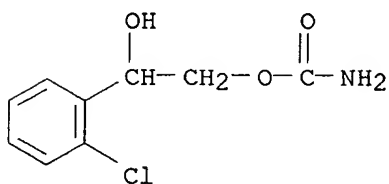
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 CAPLUS

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)

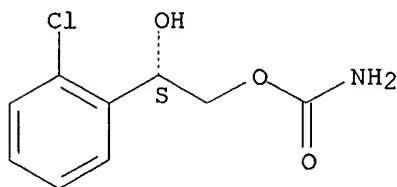


10/081;501,713,764,943

RN 194085-75-1 CAPLUS

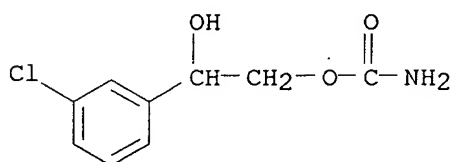
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-76-2 CAPLUS

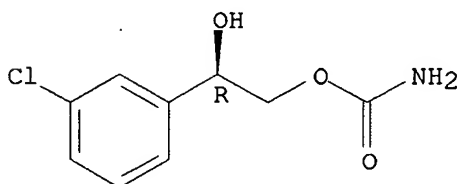
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-77-3 CAPLUS

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

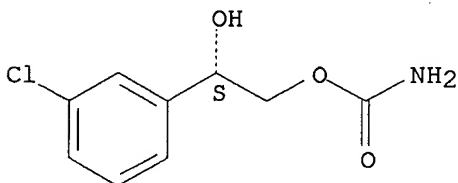
Absolute stereochemistry.



RN 194085-78-4 CAPLUS

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

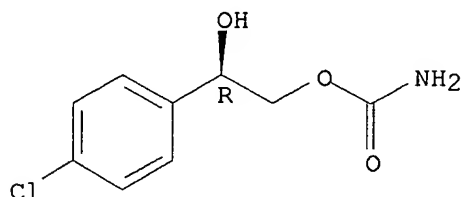


RN 194085-79-5 CAPLUS

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

10/081;501,713,764,943

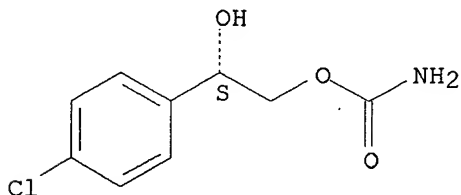
Absolute stereochemistry.



RN 194085-80-8 CAPLUS

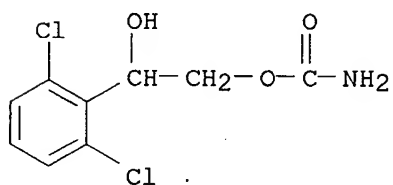
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-81-9 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 1997:499169 CAPLUS

DN 127:176276

TI Preparation of 2-(halophenyl)-2-hydroxyethyl carbamate and dicarbamate  
antiepileptics and anticonvulsants

IN Choi, Yong Moon; Kim, Min Woo; Park, Jeong Han

PA Yukong Ltd, S. Korea

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

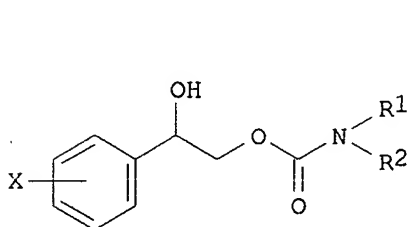
LA English

FAN.CNT 3

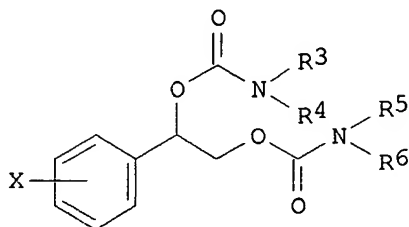
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9726241	A1	19970724	WO 1997-KR6	19970116
	W:	AU, CA, CN, JP, RU			
	RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			

10/081;501,713,764,943

US 5698588	A	19971216	US 1996-586497	19960116
AU 9713205	A1	19970811	AU 1997-13205	19970116
AU 724812	B2	20000928		
EP 907635	A1	19990414	EP 1997-900794	19970116
EP 907635	B1	20020925		
R: BE, CH, DE, ES, FR, GB, IT, LI, SE				
RU 2171800	C2	20010810	RU 1998-115573	19970116
JP 2002515029	T2	20020521	JP 1997-525878	19970116
PRAI US 1996-586497	A	19960116		
US 1997-781101	A	19970109		
WO 1997-KR6	W	19970116		
OS MARPAT 127:176276				
GI				



I



II

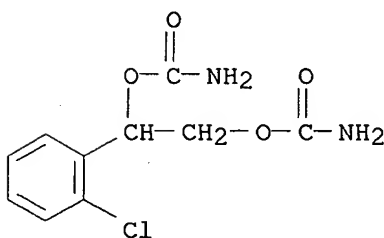
AB The title carbamates [I; R1, R2 = (un)substituted (un)branched C1-4 alkyl; X = halogen; there may be 1-5 halogen substituents on the Ph moiety] and dicarbamates [II; R3-R6 = (un)substituted (un)branched C1-4 alkyl], useful as antiepileptics and anticonvulsants, are prepd. Thus, 1-(2,6-dichlorophenyl)-1,2-ethanediol was reacted with sodium cyanate, producing II (R3-R6 = H, X = 2,6-dichloro), m.p. 160-162.degree., which demonstrated a ED50 of 7.4 mg/kg for the prevention of electroshock-induced convulsion in mice.

IT 194085-57-9P 194085-58-0P 194085-59-1P  
 194085-60-4P 194085-61-5P 194085-62-6P  
 194085-63-7P 194085-64-8P 194085-65-9P  
 194085-66-0P 194085-67-1P 194085-68-2P  
 194085-69-3P 194085-70-6P 194085-71-7P  
 194085-72-8P 194085-73-9P 194085-74-0P  
 194085-75-1P 194085-76-2P 194085-77-3P  
 194085-78-4P 194085-79-5P 194085-80-8P  
 194085-81-9P

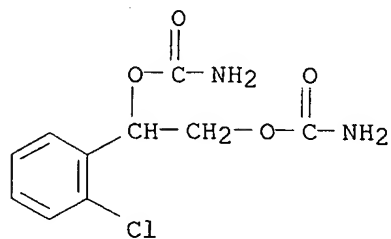
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of 2-(halophenyl)-2-hydroxyethyl carbamate and dicarbamate antiepileptics and anticonvulsants)

RN 194085-57-9 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



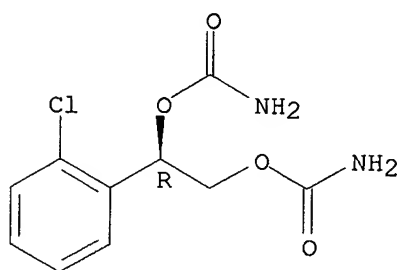
10/081;501,713,764,943



RN 194085-58-0 CAPLUS

CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

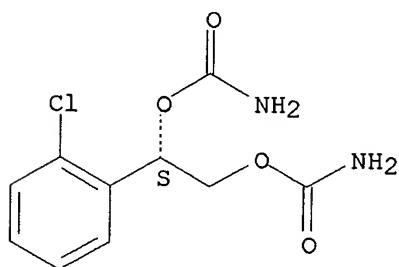
Absolute stereochemistry. Rotation (+).



RN 194085-59-1 CAPLUS

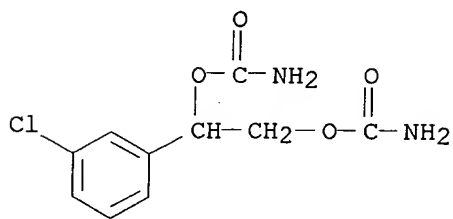
CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 194085-60-4 CAPLUS

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

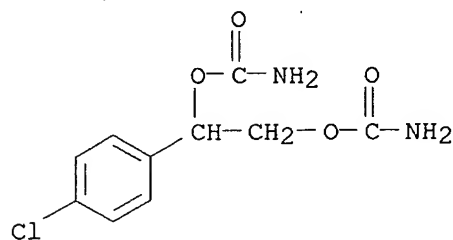




10/081;501,713,764,943

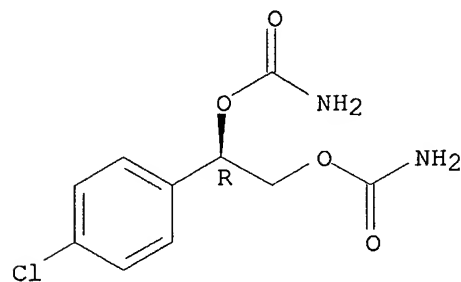
RN 194085-61-5 CAPLUS

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



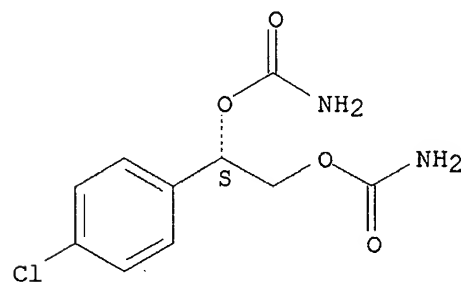
RN 194085-62-6 CAPLUS

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)



RN 194085-63-7 CAPLUS

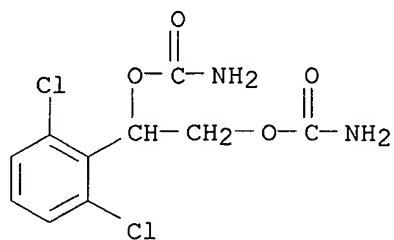
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)



RN 194085-64-8 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

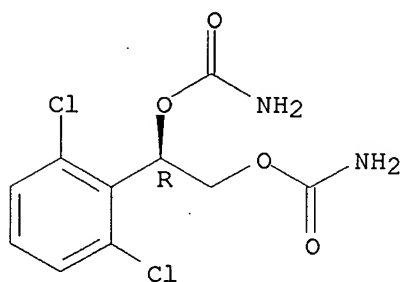
10/081;501,713,764,943



RN 194085-65-9 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

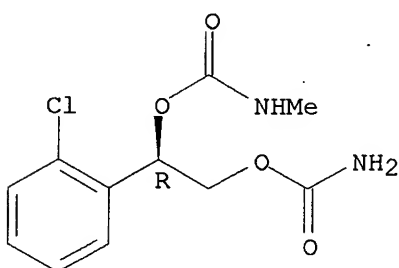
Absolute stereochemistry. Rotation (+).



RN 194085-66-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

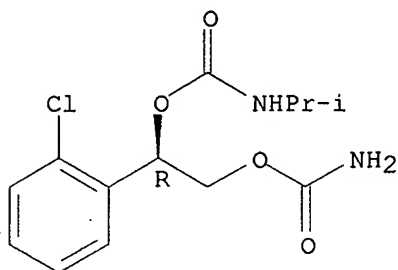


RN 194085-67-1 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

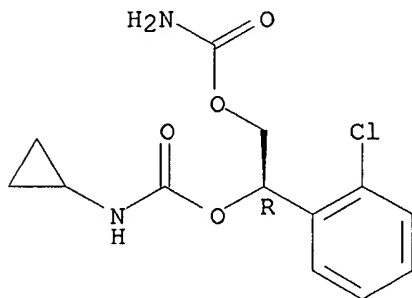
10/081;501,713,764,943



RN 194085-68-2 CAPLUS

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

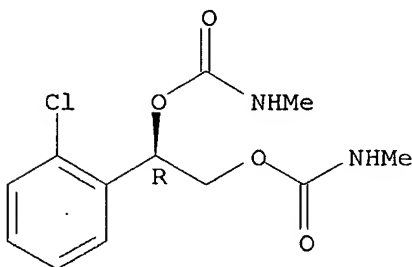
Absolute stereochemistry. Rotation (+).



RN 194085-69-3 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

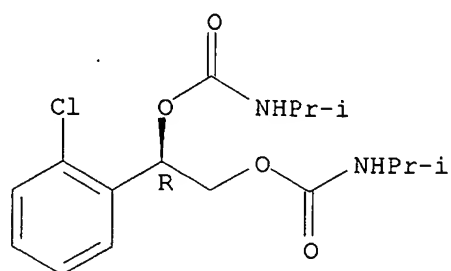


RN 194085-70-6 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

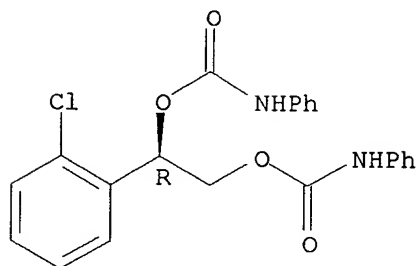
10/081;501,713,764,943



RN 194085-71-7 CAPLUS

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

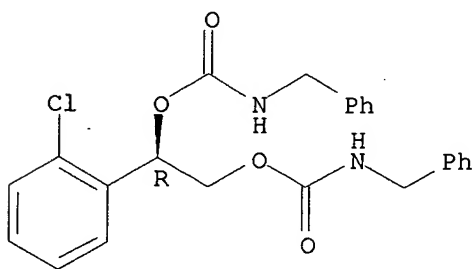
Absolute stereochemistry.



RN 194085-72-8 CAPLUS

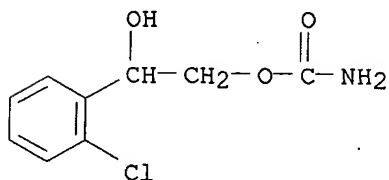
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 CAPLUS

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)

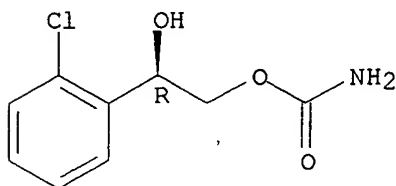


10/081;501,713,764,943

RN 194085-74-0 CAPLUS

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

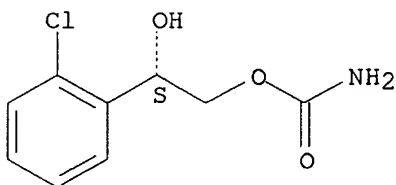
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 CAPLUS

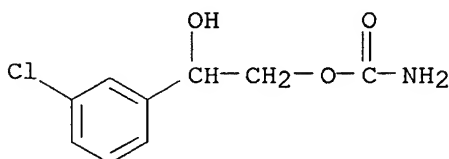
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-76-2 CAPLUS

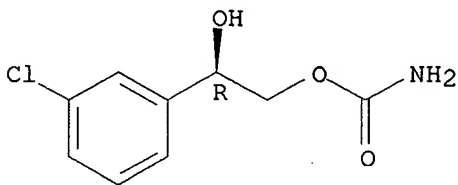
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-77-3 CAPLUS

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

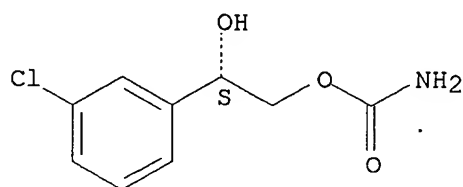


RN 194085-78-4 CAPLUS

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

10/081;501,713,764,943

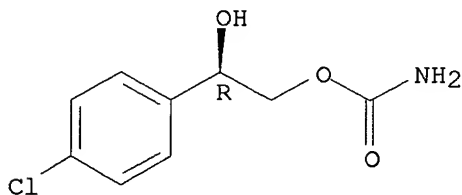
Absolute stereochemistry. Rotation (+).



RN 194085-79-5 CAPLUS

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

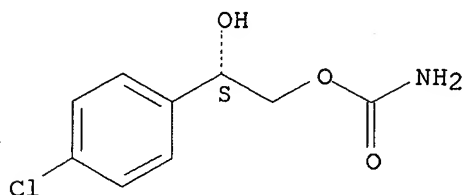
Absolute stereochemistry.



RN 194085-80-8 CAPLUS

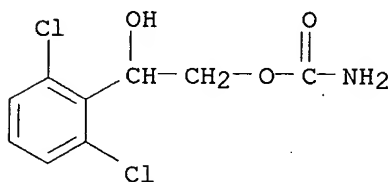
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-81-9 CAPLUS

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2003 ACS

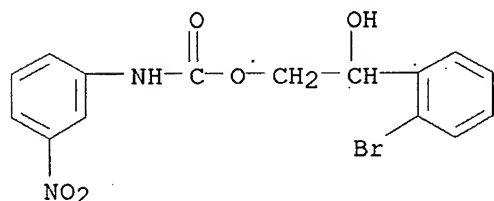
AN 1972:14054 CAPLUS

DN 76:14054

TI Synthesis and study of a series of substituted .beta.-hydroxyphenethyl-N-

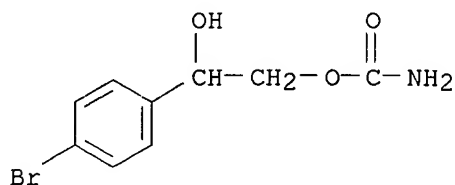
10/081;501,713,764,943

(m-nitrophenyl) carbamates  
AU Akhmedov, Sh. T.; Akhundova, M. A.; Alekperov, R. G.; Gambarov, A. A.  
CS Azerb. Gos. Univ. im. Kirova, Baku, USSR  
SO Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya  
Tekhnologiya (1971), 14(9), 1366-8  
CODEN: IVUKAR; ISSN: 0579-2991  
DT Journal  
LA Russian  
AB .beta.-Hydroxyphenethyl N-(m-nitrophenyl)carbamate (I), m. 80-1.degree.,  
was synthesized in 84% yield by dropwise addn. of m-nitrophenyl isocyanate  
to .beta.-hydroxyphenetole (II) in hexane at 45-50.degree. and stirring 1  
hr. Ten addnl. compds. were similarly prepd. from alkyl substituted II.  
I and .omicron.-bromo-.beta.-hydroxyphenethyl N-(m-nitrophenyl)carbamate  
inhibited the corrosion of steel during the oxidn. of a diesel oil. I,  
.omicron.-methyl-.beta.-hydroxyphenethyl N-(m-nitrophenyl)carbamate, and  
p-tert-butyl-.beta.-hydroxyphenethyl N-(m-nitrophenyl)carbamate inhibited  
the corrosion of steel at 20 and 80.degree. in a 1:1 0.1 N HCl-gasoline  
mixt.  
IT **34727-09-8**  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(steel corrosion inhibitor)  
RN 34727-09-8 CAPLUS  
CN Carbamic acid, (3-nitrophenyl)-, 2-(2-bromophenyl)-2-hydroxyethyl ester  
(9CI) (CA INDEX NAME)



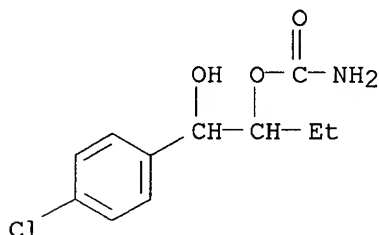
L4 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2003 ACS  
AN 1967:481930 CAPLUS  
DN 67:81930  
TI Phenethyl carbamates for treatment of the central nervous system  
IN Bossinger, Charles D.; Taylor, Kelley G.  
PA Armour Pharmaceutical Co.  
SO U.S., 4 pp. Division of U.S. 3265728  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1  
PATENT NO. KIND DATE APPLICATION NO. DATE  
-----  
PI US 3313700 19670411 US 19660606  
AB Division of U.S. 3,265,728 (CA 66: 2332t). The disclosure is the same but  
the claims are different.  
IT **13571-64-7P 13628-33-6P**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)  
RN 13571-64-7 CAPLUS  
CN 1,2-Ethanediol, 1-(p-bromophenyl)-, 2-carbamate (8CI) (CA INDEX NAME)

10/081;501,713,764,943



RN 13628-33-6 CAPLUS

CN 1,2-Butanediol, 1-(p-chlorophenyl)-, 2-carbamate (8CI) (CA INDEX NAME)



L4 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2003 ACS

AN 1967:2332 CAPLUS

DN 66:2332

TI Substituted phenethyl carbamates

IN Bossinger, Charles D.; Taylor, Kelley G.

PA Armour Pharmaceutical Co.

SO U.S., 4 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3265728		19660809	US	19580421

AB The title compds. useful in the treatment of the central nervous system as sedatives and tranquilizers were prepd. Thus, a mixt. of 20 g. 1-(p-chloro-phenyl)-1,2-butanediol, 12.1 ml. Et<sub>2</sub>CO<sub>3</sub> and 0.1 g. K<sub>2</sub>CO<sub>3</sub> was heated at .apprx.150.degree. and EtOH distd. The unreacted Et<sub>2</sub>CO<sub>3</sub> was distd. in vacuo, the residue in 300 ml. MeOH satd. with NH<sub>3</sub> at 0.degree., the soln. kept overnight at room temp., filtered, concd. in vacuo, dried by azeotropic distn. (C<sub>6</sub>H<sub>6</sub>), the residue triturated with CCl<sub>4</sub> to give 6.2 g. 1-(p-chlorophenyl)-1-hydroxy-2-butyl carbamate. 2-(p-biphenyl)-2-hydroxybutyl carbamate was similarly prepd. A mixt. of 19.8 g. .alpha.-methyl-p-phenylbenzyl alc., 40 ml. C<sub>5</sub>H<sub>5</sub>N, and 15.6 g. ClCO<sub>2</sub>Ph was stirred at room temp. 3 hrs., decompd. with 100 ml. H<sub>2</sub>O at ice bath temp., the solid filtered off, dried, and dissolved in 250 ml. anhyd. MeOH satd. with NH<sub>3</sub>, the soln. kept overnight and filtered, the filtrate concd. in vacuo, and the residue washed with 4% NaOH, filtered off, and air dried to give 10.1 g. .alpha.-methyl-p-phenyl carbamate, m. 179-180.5.degree. (EtOAc). A mixt. of 13.4 g. ethyl carbamate, 28.7 g. 2-2,6-dichlorophenyl)ethyl alc. and 75 ml. PhMe was heated to azeotrope H<sub>2</sub>O, cooled, 0.75 g. Al(OPr-iso)<sub>3</sub> added, and an azeotropic mixt. of PhMe and EtOH distd. to give 35% 2-(2,6-dichlorophenyl)ethyl carbamate. o-Methylbenzyl carbamate (38.1%), m. 88-90.degree., and 45% o-chlorobenzyl carbamate (I), m. 97-99.degree., were similarly prepd. With stirring, 18 g. phosgene in 110 ml. C<sub>6</sub>H<sub>6</sub> was slowly added to 22 g. p-bromostyrene glycol in 200 ml. C<sub>6</sub>H<sub>6</sub>, the mixt. stirred 50 min., 18 g. Et<sub>2</sub>NPh in 50 ml.



10/081;501,713,764,943

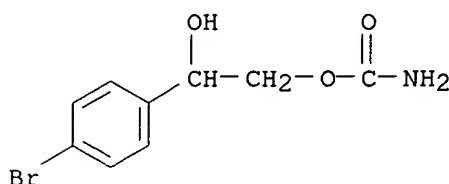
C6H6 added, the mixt. stirred 1 hr., washed with 250 ml. H2O, and stirred 2 hrs. with 180 ml. 30% NH4OH, the solid (m.68-140.degree.) filtered off, and the filtrate kept 3 days to give 3.18 g. 2-(p-bromophenyl)-2-hydroxy-1-ethyl carbamate, m. 162-4.degree. (CCl4). The solid m. 68-140.degree. was worked up to give 1.4 g. 1-(p-bromophenyl)-2-hydroxy-1-ethyl carbamate, m. 99-101.degree.. Tablets (500 mg.) contg. 200 mg. I, dibasic calcium phosphate, lactose, cornstarch, and magnesium stearate were prepd. for oral administration, which acted on the central nervous system and lowered the body temp.

IT 13571-64-7P 13628-33-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

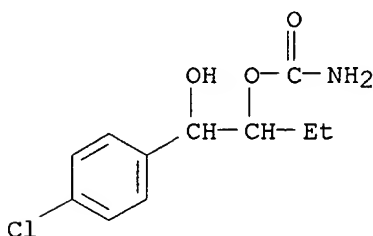
RN 13571-64-7 CAPLUS

CN 1,2-Ethanediol, 1-(p-bromophenyl)-, 2-carbamate (8CI) (CA INDEX NAME)



RN 13628-33-6 CAPLUS

CN 1,2-Butanediol, 1-(p-chlorophenyl)-, 2-carbamate (8CI) (CA INDEX NAME)



L4 ANSWER 19 OF 31 USPATFULL

AN 2002:344525 USPATFULL

TI CARBAMATE COMPOUNDS FOR USE IN PREVENTING OR TREATING BIPOLAR DISORDER

IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

Twyman, Roy E., Doylestown, PA, UNITED STATES

Choi, Yong Moon, Towaco, NJ, UNITED STATES

Gordon, Robert, Robbinsville, NJ, UNITED STATES

PI US 2002198257 A1 20021226

AI US 2002-81766 A1 20020221 (10)

PRAI US 2001-271681P 20010227 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON  
PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 23

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 590

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for preventing or treating

10/081;501,713,764,943

bipolar disorder comprising administering to a subject in need thereof a therapeutically effective amount of a compound of Formula (I):

##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R.sub.1 and R.sub.2 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

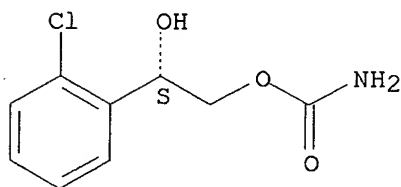
IT 194085-75-1

(carbamate compds. for use in preventing or treating bipolar disorder)

RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 20 OF 31 USPATFULL

AN 2002:338065 USPATFULL

TI Carbamate compounds for use in preventing or treating bipolar disorder

IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

Twyman, Roy E., Doylestown, PA, UNITED STATES

Choi, Yong Moon, Towaco, NJ, UNITED STATES

Gordon, Robert, Robbinsville, NJ, UNITED STATES

PI US 2002193433 A1 20021219

AI US 2002-81606 A1 20020221 (10)

PRAI US 2001-271680P 20010227 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON

PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 577

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for preventing or treating bipolar disorder comprising administering to a subject in need thereof a therapeutically effective amount of an enantiomer of Formula (I) or enantiomeric mixture wherein one enantiomer of Formula (I) predominates:  
##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and

10/081;501,713,764,943

iodine; and, R.sub.1, R.sub.2, R.sub.3 and R.sub.4 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

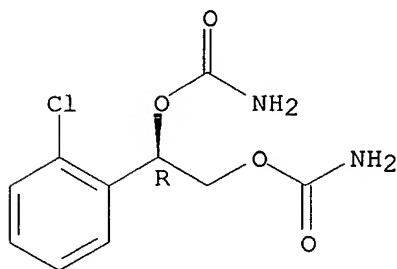
IT 194085-58-0

(Ph carbamate compds. for use in preventing or treating bipolar disorder)

RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 21 OF 31 USPATFULL

AN 2002:295224 USPATFULL

TI Carbamate compounds for use in preventing or treating neurodegenerative disorders

IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

Twyman, Roy E., Doylestown, PA, UNITED STATES

PI US 2002165273 A1 20021107

AI US 2002-81764 A1 20020221 (10)

PRAI US 2001-271682P 20010227 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 32

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 873

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for preventing or treating neurodegenerative disorders comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II): ##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R.sub.1, R.sub.2, R.sub.3, R.sub.4, R.sub.5 and R.sub.6 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with

10/081;501,713,764,943

substituents independently selected from the group consisting of halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

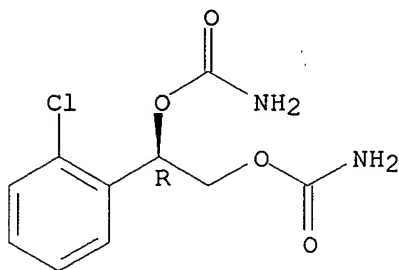
IT 194085-58-0 194085-75-1

(Ph carbamate compds. for use in preventing or treating neurodegenerative disorders)

RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

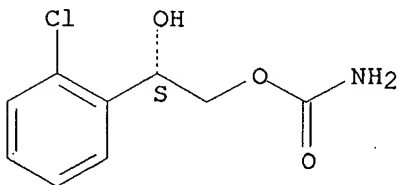
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 22 OF 31 USPATFULL

AN 2002:295223 USPATFULL

TI CARBAMATE COMPOUNDS FOR USE IN PREVENTING OR TREATING PSYCHOTIC DISORDERS

IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

Twyman, Roy E., Doylestown, PA, UNITED STATES

PI US 2002165272 A1 20021107

AI US 2002-81761 A1 20020221 (10)

PRAI US 2001-271889P 20010227 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 22

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 733

10/081;501,713,764,943

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for preventing or treating psychotic disorders comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II): ##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R.sub.1, R.sub.2, R.sub.3, R.sub.4, R.sub.5 and R.sub.6 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of halogen, C.sub.1 C.sub.4 alkyl, C.sub.1 C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

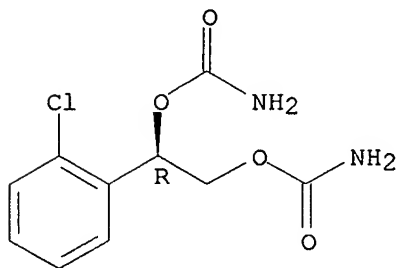
IT 194085-58-0 194085-75-1

(Ph carbamate compds. for use in preventing or treating psychotic disorders)

RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

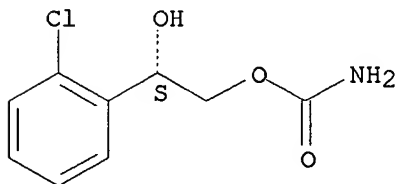
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 23 OF 31 USPATFULL

AN 2002:280679 USPATFULL

TI Carbamate compounds for use in the treatment of pain

IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

Twyman, Roy E., Doylestown, PA, UNITED STATES

10/081;501,713,764,943

PI US 2002156127 A1 20021024  
AI US 2002-81943 A1 20020221 (10)  
PRAI US 2001-271888P 20010227 (60)  
DT Utility  
FS APPLICATION  
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON  
PLAZA, NEW BRUNSWICK, NJ, 08933-7003  
CLMN Number of Claims: 27  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 656

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for the treatment of pain comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II): ##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R.sub.1, R.sub.2, R.sub.3, R.sub.4, R.sub.5 and R.sub.6 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

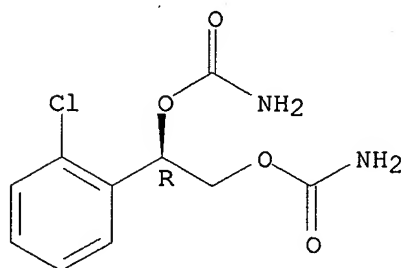
IT 194085-58-0 194085-75-1

(Ph carbamate compds. for use in the treatment of acute or chronic pain)

RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

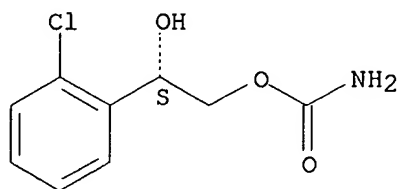


RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

10/081;501,713,764,943



L4 ANSWER 24 OF 31 USPATFULL  
AN 2002:273457 USPATFULL  
TI Carbamate compounds for use in preventing or treating movement disorders  
IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES  
Zhao, Boyu, Lansdale, PA, UNITED STATES  
Twyman, Roy E., Doylestown, PA, UNITED STATES  
PI US 2002151585 A1 20021017  
AI US 2002-81501 A1 20020221 (10)  
PRAI US 2001-271683P 20010227 (60)  
DT Utility  
FS APPLICATION  
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON  
PLAZA, NEW BRUNSWICK, NJ, 08933-7003  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 709

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for preventing or treating movement disorders comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II): ##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R.sub.1, R.sub.2, R.sub.3, R.sub.4, R.sub.5 and R.sub.6 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 194085-58-0 194085-75-1

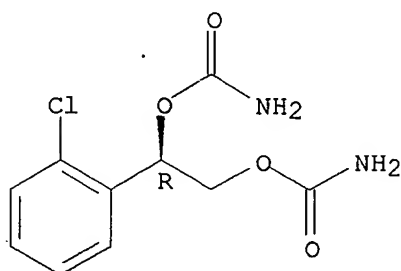
(Ph carbamate compds. for use in preventing or treating movement disorders)

RN 194085-58-0 USPATFULL

CN 1,2-Ethandiol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

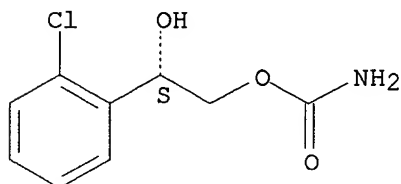
10/081;501,713,764,943



RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 25 OF 31 USPATFULL

AN 2002:259477 USPATFULL

TI Carbamate compounds for use in preventing or treating anxiety disorders

IN Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

Twyman, Roy E., Doylestown, PA, UNITED STATES

PI US 2002143053 A1 20021003

AI US 2002-81713 A1 20020221 (10)

PRAI US 2001-271689P 20010227 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON

PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 25

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 732

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention is directed to a method for preventing or treating anxiety disorders comprising administering to a subject in need thereof a therapeutically effective amount of a compound selected from the group consisting of Formula (I) and Formula (II): ##STR1##

wherein phenyl is substituted at X with one to five halogen atoms selected from the group consisting of fluorine, chlorine, bromine and iodine; and, R.sub.1, R.sub.2, R.sub.3, R.sub.4, R.sub.5, and R.sub.6 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).



10/081;501,713,764,943

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

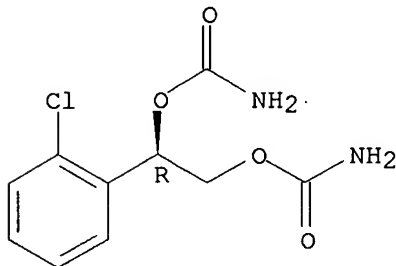
IT 194085-58-0 194085-75-1

(Ph carbamate compds. for use in preventing or treating anxiety disorders)

RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

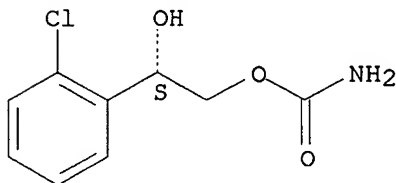
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 26 OF 31 USPATFULL

AN 2002:199173 USPATFULL

TI Carbamate compounds for use in preventing or treating neuropathic pain and cluster and migraine headache-associated pain

IN Codd, Ellen E., Blue Bell, PA, UNITED STATES

Shank, Richard P., Blue Bell, PA, UNITED STATES

Rogers, Katherine E., Audobon, PA, UNITED STATES

Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES

Zhao, Boyu, Lansdale, PA, UNITED STATES

PI US 2002107283 A1 20020808

AI US 2001-906251 A1 20010716 (9)

PRAI US 2000-219657P 20000721 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 26

ECL Exemplary Claim: 1

DRWN 1 Drawing Page(s)

LN.CNT 755

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

10/081;501,713,764,943

AB This invention is directed to a method for preventing or treating neuropathic pain and cluster and migraine headache-associated pain comprising administering to a subject in need thereof a therapeutically effective amount of an enantiomer of Formula (I) substantially free of other enantiomers or an enantiomeric mixture wherein an enantiomer of Formula (I) predominates: ##STR1##

wherein phenyl is substituted at X with one to five halogen atoms independently selected from the group consisting of fluorine, chlorine, bromine and iodine; and; R.sub.1 and R.sub.2 are independently selected from the group consisting of hydrogen and C.sub.1-C.sub.4 alkyl; wherein C.sub.1-C.sub.4 alkyl is optionally substituted with phenyl (wherein phenyl is optionally substituted with substituents independently selected from the group consisting of hydrogen, halogen, C.sub.1-C.sub.4 alkyl, C.sub.1-C.sub.4 alkoxy, amino, nitro and cyano).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

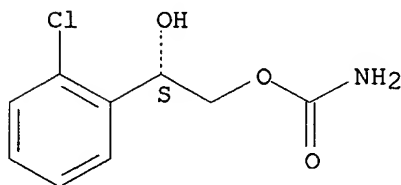
IT 194085-75-1 194085-75-1D, N-substituted derivs.

(carbamate compds. for preventing or treating neuropathic pain and cluster and migraine headache-assocd. pain)

RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

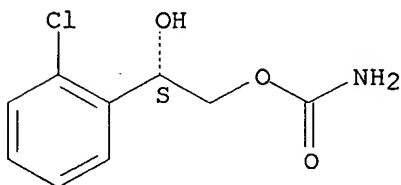
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L4 ANSWER 27 OF 31 USPATFULL

AN 2001:188731 USPATFULL

TI Halogen substituted carbamate compounds from 2-phenyl-1,2-ethanediol

IN Choi, Yong Moon, Towaco, NJ, United States

Kim, Min Woo, Montvale, NJ, United States

Park, Jeonghan, Flanders, NJ, United States

PI US 2001034365 A1 20011025

AI US 2001-774736 A1 20010131 (9)

RLI Continuation-in-part of Ser. No. US 1998-220494, filed on 23 Dec 1998,

10/081;501,713,764,943

ABANDONED Division of Ser. No. US 1997-781101, filed on 9 Jan 1997,  
GRANTED, Pat. No. US 5854283 Continuation-in-part of Ser. No. US  
1996-586497, filed on 16 Jan 1996, GRANTED, Pat. No. US 5698588

DT Utility

FS APPLICATION

LREP GIBBONS, DEL DEO, DOLAN, GRIFFINGER & VECCHIONE, 1 RIVERFRONT PLAZA, .  
NEWARK, NJ, 07102-5497

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 589

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Enantiomeric forms of monocarbamates of halogenated 2-pheny-1,2-  
-ethanediol and dicarbamates of halogenated 2-pheny-1,2-ethanediol have  
been found to be effective in the treatment of disorders of the central  
nervous system, especially as anti-convulsive or anti-epileptic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

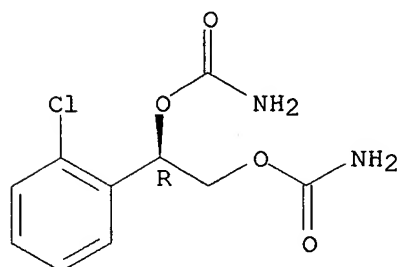
IT 194085-58-0P 194085-67-1P

(prepn. of anticonvulsant halogen-substituted carbamate compds. from  
2-phenyl-1,2-ethanediol)

RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX  
NAME)

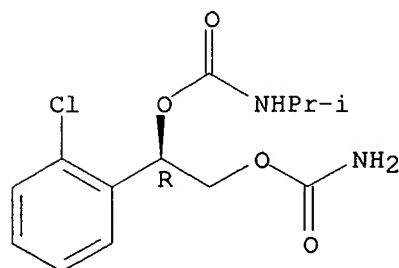
Absolute stereochemistry. Rotation (+).



RN 194085-67-1 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-  
chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



IT 194085-57-9P 194085-59-1P 194085-60-4P

194085-61-5P 194085-62-6P 194085-63-7P

194085-64-8P 194085-65-9P 194085-66-0P

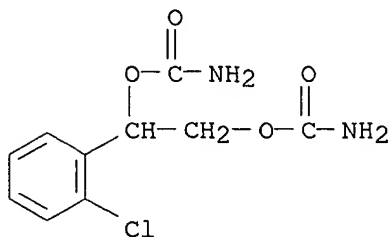
10/081;501,713,764,943

194085-68-2P 194085-69-3P 194085-70-6P  
194085-71-7P 194085-72-8P 194085-73-9P  
194085-74-0P 194085-75-1P 194085-76-2P  
194085-77-3P 194085-78-4P 194085-79-5P  
194085-80-8P 194085-81-9P

(prepn. of anticonvulsant halogen-substituted carbamate compds. from  
2-phenyl-1,2-ethanediol)

RN 194085-57-9 USPATFULL

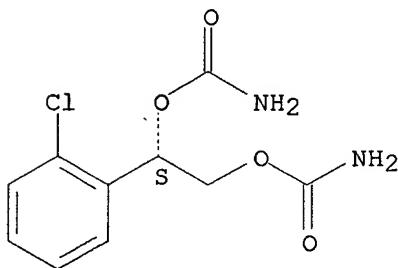
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-59-1 USPATFULL

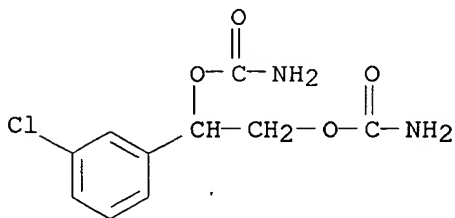
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 194085-60-4 USPATFULL

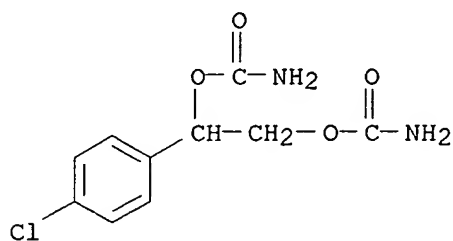
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-61-5 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

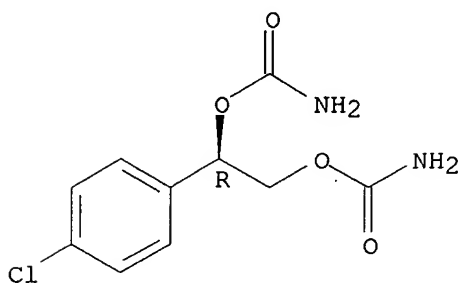
10/081;501,713,764,943



RN 194085-62-6 USPATFULL

CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

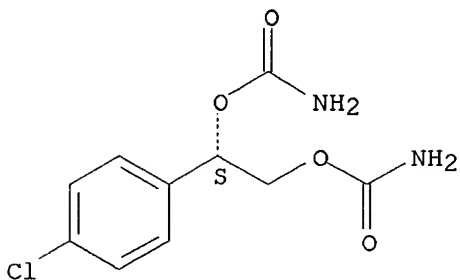
Absolute stereochemistry. Rotation (-).



RN 194085-63-7 USPATFULL

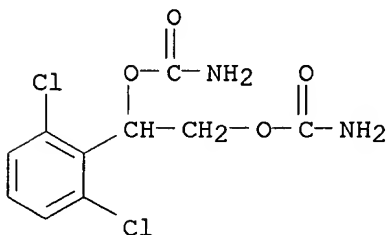
CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-64-8 USPATFULL

CN 1,2-Ethanedione, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

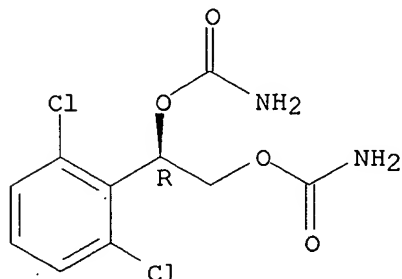


10/081;501,713,764,943

RN 194085-65-9 USPATFULL

CN 1,2-Ethandiol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

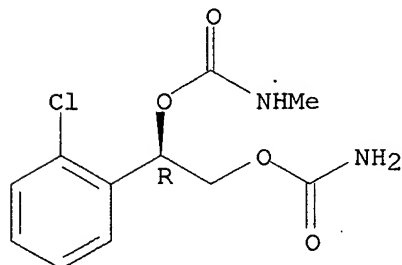
Absolute stereochemistry. Rotation (+).



RN 194085-66-0 USPATFULL

CN 1,2-Ethandiol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

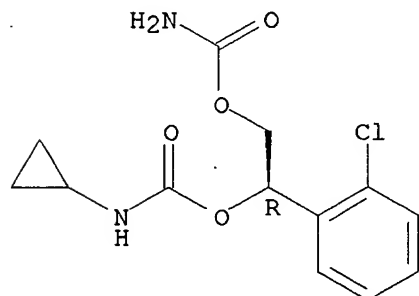
Absolute stereochemistry. Rotation (+).



RN 194085-68-2 USPATFULL

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

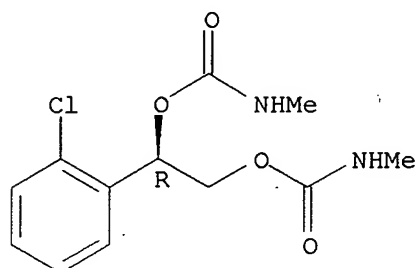


RN 194085-69-3 USPATFULL

CN 1,2-Ethandiol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

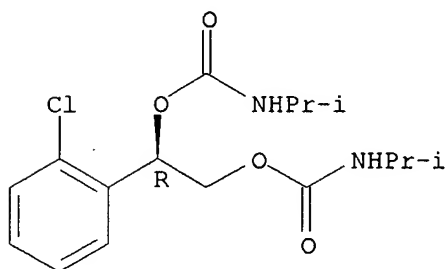
10/081;501,713,764,943



RN 194085-70-6 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

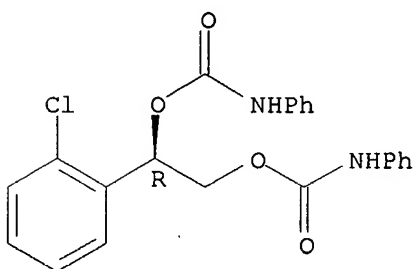
Absolute stereochemistry. Rotation (+).



RN 194085-71-7 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

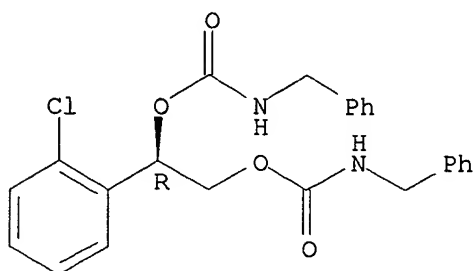


RN 194085-72-8 USPATFULL

CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

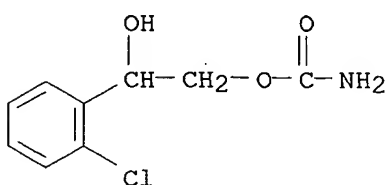
Absolute stereochemistry.

10/081;501,713,764,943



RN 194085-73-9 USPATFULL

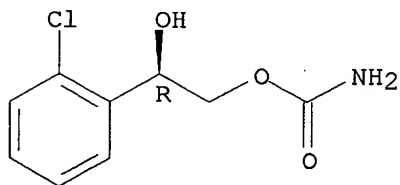
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-74-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

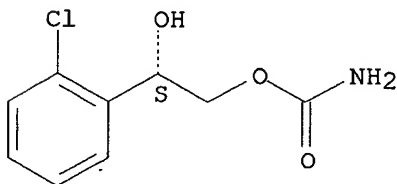
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

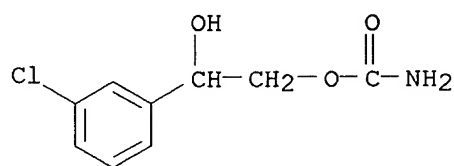


RN 194085-76-2 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



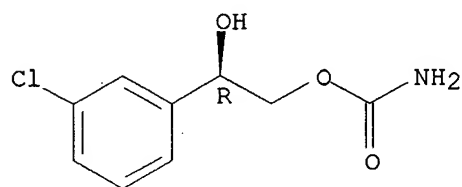
10/081;501,713,764,943



RN 194085-77-3 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

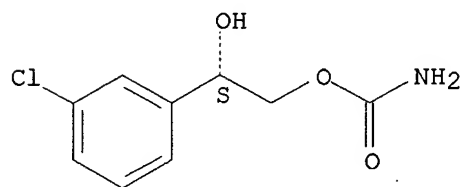
Absolute stereochemistry.



RN 194085-78-4 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

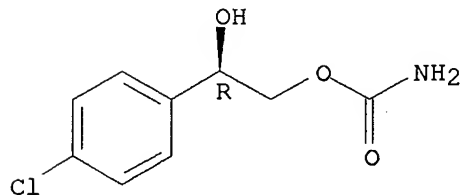
Absolute stereochemistry. Rotation (+).



RN 194085-79-5 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

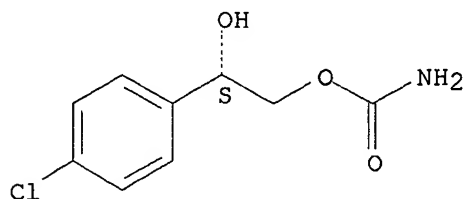


RN 194085-80-8 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

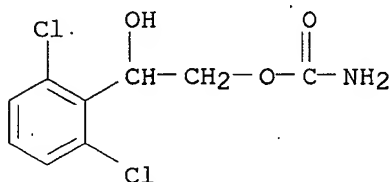
Absolute stereochemistry. Rotation (+).

10/081;501,713,764,943



RN 194085-81-9 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



L4 ANSWER 28 OF 31 USPATFULL

AN 2000:131884 USPATFULL

TI Halogen substituted carbamate compounds from 2-phenyl-1,2-ethanediol

IN Choi, Yong Moon, Towaco, NJ, United States

Kim, Min Woo, Montvale, NJ, United States

Park, Jeonghan, Flanders, NJ, United States

PA SK Corporation, Fairfield, NJ, United States (U.S. corporation)

PI US 6127412 20001003

AI US 1999-349852 19990708 (9)

RLI Continuation of Ser. No. US 1998-220494, filed on 23 Dec 1998 which is a division of Ser. No. US 1997-781101, filed on 9 Jan 1997, now patented, Pat. No. US 5854283, issued on 29 Dec 1998 which is a continuation-in-part of Ser. No. US 1996-586497, filed on 16 Jan 1996, now patented, Pat. No. US 5698588, issued on 16 Dec 1997

DT Utility

FS Granted

EXNAM Primary Examiner: Shippen, Michael L.

LREP Gibbons, Del Deo, Dolan, Griffinger & Vecchione

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 561

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The optically pure forms of monocarbamates of halogenated 2-phenyl-1,2-ethanediol and dicarbamates of 2-phenyl-1,2-ethanediol have been found to be effective in the treatment of disorders of the central nervous system, especially as anti-convulsive or anti-epileptic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 194085-57-9P 194085-58-0P 194085-59-1P  
194085-60-4P 194085-61-5P 194085-62-6P  
194085-63-7P 194085-64-8P 194085-65-9P  
194085-66-0P 194085-67-1P 194085-68-2P  
194085-69-3P 194085-70-6P 194085-71-7P  
194085-72-8P 194085-73-9P 194085-74-0P  
194085-75-1P 194085-76-2P 194085-77-3P  
194085-78-4P 194085-79-5P 194085-80-8P

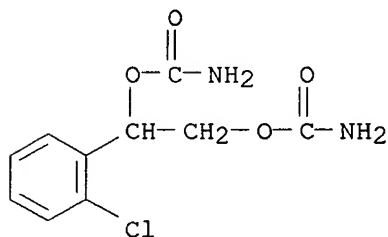
10/081;501,713,764,943

**194085-81-9P**

(prepn. of 2-(halophenyl)-2-hydroxyethyl carbamate and dicarbamate  
antiepileptics and anticonvulsants)

RN 194085-57-9 USPATFULL

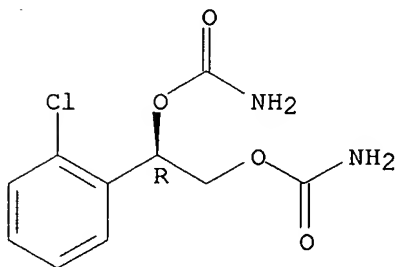
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

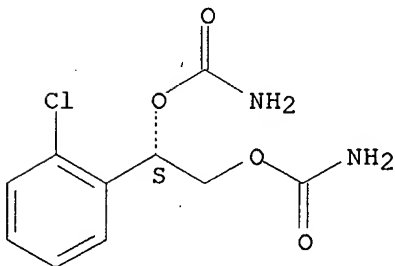
Absolute stereochemistry. Rotation (+).



RN 194085-59-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

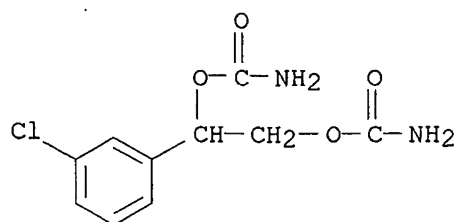
Absolute stereochemistry. Rotation (-).



RN 194085-60-4 USPATFULL

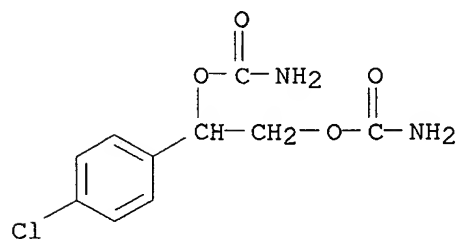
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

10/081;501,713,764,943



RN 194085-61-5 USPATFULL

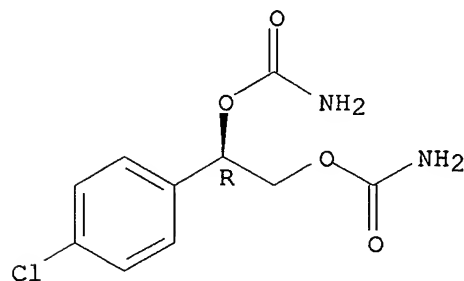
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-62-6 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

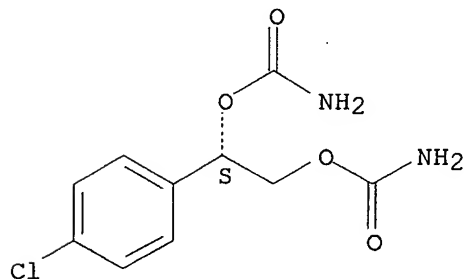
Absolute stereochemistry. Rotation (-).



RN 194085-63-7 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

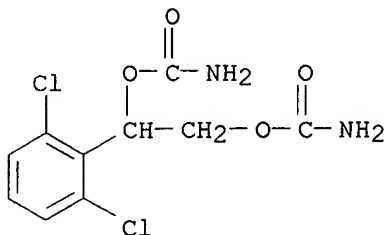
Absolute stereochemistry. Rotation (+).



10/081;501,713,764,943

RN 194085-64-8 USPATFULL

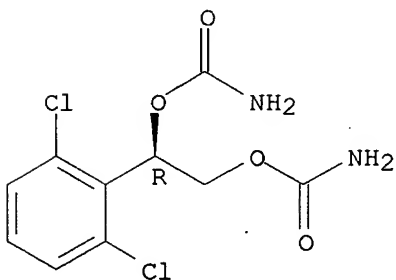
CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-65-9 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

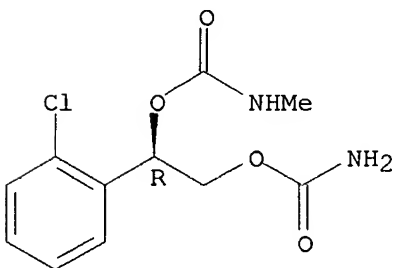
Absolute stereochemistry. Rotation (+).



RN 194085-66-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

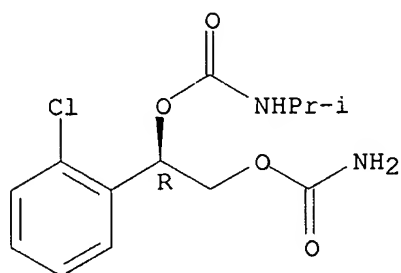


RN 194085-67-1 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

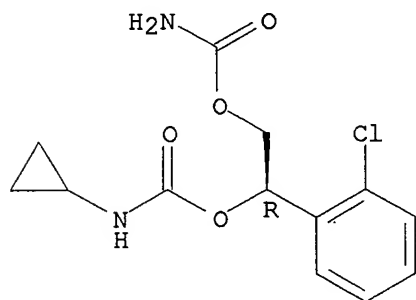
10/081;501,713,764,943



RN 194085-68-2 USPATFULL

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

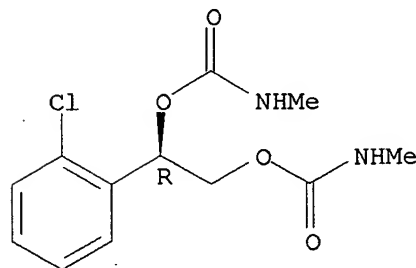
Absolute stereochemistry. Rotation (+).



RN 194085-69-3 USPATFULL

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

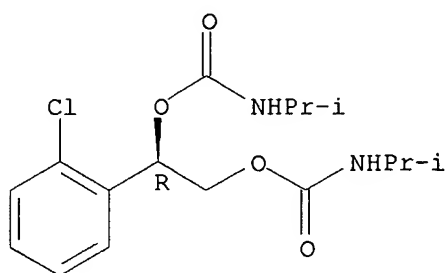


RN 194085-70-6 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

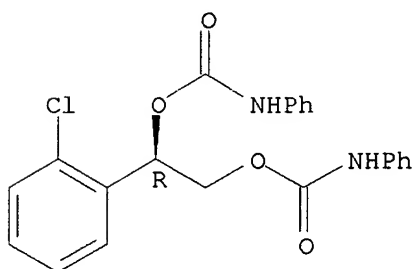
10/081;501,713,764,943



RN 194085-71-7 USPATFULL

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

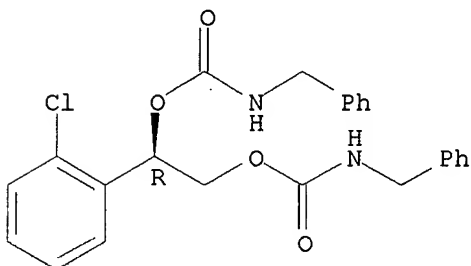
Absolute stereochemistry.



RN 194085-72-8 USPATFULL

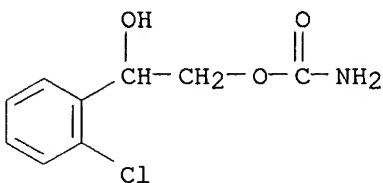
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 USPATFULL

CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)

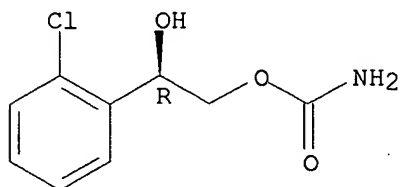


10/081;501,713,764,943

RN 194085-74-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

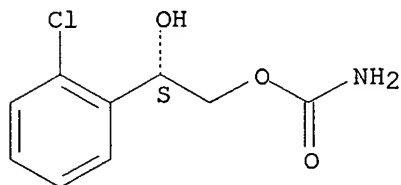
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

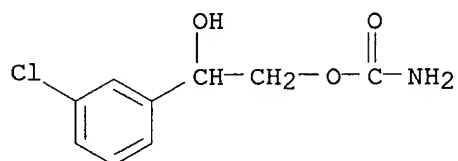
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-76-2 USPATFULL

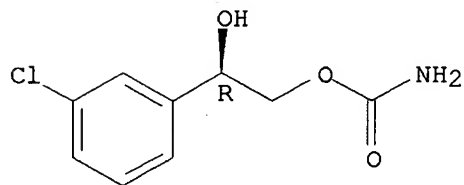
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-77-3 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



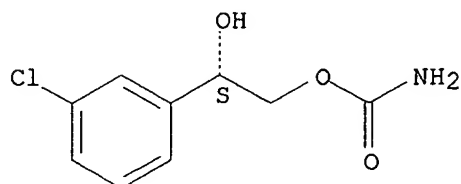
RN 194085-78-4 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)



10/081;501,713,764,943

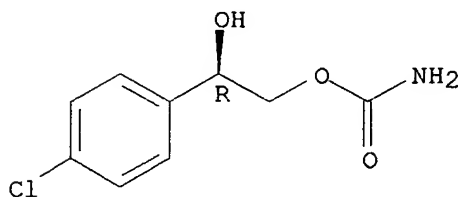
Absolute stereochemistry. Rotation (+).



RN 194085-79-5 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

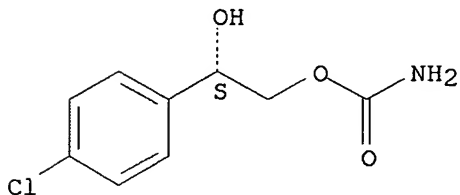
Absolute stereochemistry.



RN 194085-80-8 USPATFULL

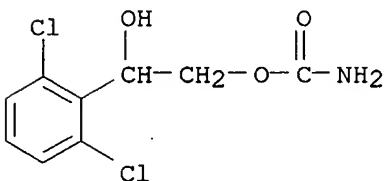
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-81-9 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



L4 ANSWER 29 OF 31 USPATFULL

AN 2000:105942 USPATFULL

TI Halogen substituted carbamate compounds from 2-phenyl-1, 2-ethanediol

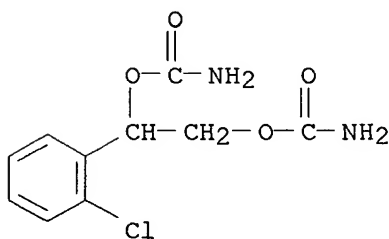
IN Choi, Yong Moon, Towaco, NJ, United States

10/081;501,713,764,943

Kim, Min Woo, Montvale, NJ, United States  
Park, Jeonghan, Flanders, NJ, United States  
PA SK Corporation, Fairfield, NJ, United States (U.S. corporation)  
PI US 6103759 20000815  
AI US 1999-349850 19990708 (9)  
RLI Continuation of Ser. No. US 1998-220494, filed on 23 Dec 1998 which is a  
division of Ser. No. US 1997-781101, filed on 9 Jan 1997, now patented,  
Pat. No. US 5854283, issued on 29 Dec 1998 which is a  
continuation-in-part of Ser. No. US 1996-586497, filed on 16 Jan 1996,  
now patented, Pat. No. US 5698588, issued on 16 Dec 1997  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Shippen, Michael L.  
LREP Gibbons, Del Deo, Dolan, Griffinger & Vecchione  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 545  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The optically pure forms of monocarbamates of halogenated  
2-phenyl-1,2-ethanediol and dicarbamates of 2-phenyl-1,2-ethanediol have  
been found to be effective in the treatment of disorders of the central  
nervous system, especially as anti-convulsive or anti-epileptic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

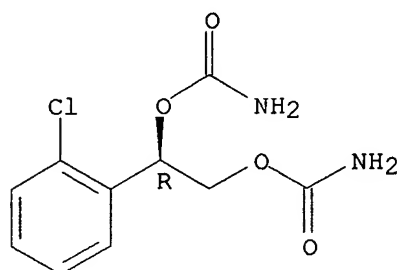
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194085-60-4P 194085-61-5P 194085-62-6P  
194085-63-7P 194085-64-8P 194085-65-9P  
194085-66-0P 194085-67-1P 194085-68-2P  
194085-69-3P 194085-70-6P 194085-71-7P  
194085-72-8P 194085-73-9P 194085-74-0P  
194085-75-1P 194085-76-2P 194085-77-3P  
194085-78-4P 194085-79-5P 194085-80-8P  
194085-81-9P  
(prepn. of 2-(halophenyl)-2-hydroxyethyl carbamate and dicarbamate  
antiepileptics and anticonvulsants)  
RN 194085-57-9 USPATFULL  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-58-0 USPATFULL  
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

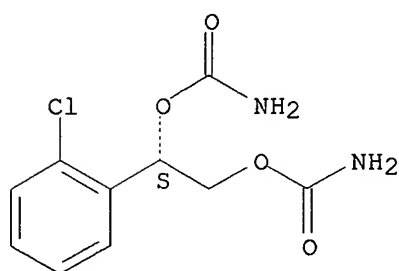
10/081;501,713,764,943



RN 194085-59-1 USPATFULL

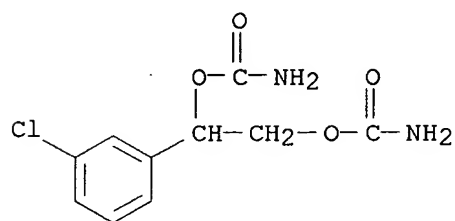
CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



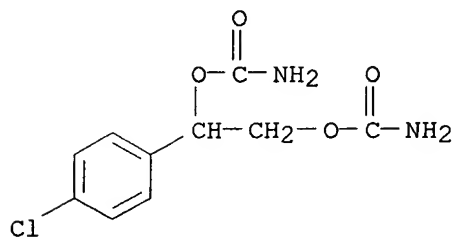
RN 194085-60-4 USPATFULL

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-61-5 USPATFULL

CN 1,2-Ethanedithiol, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



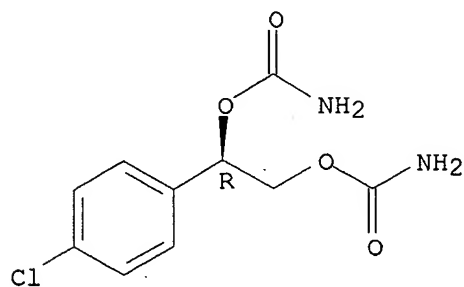
RN 194085-62-6 USPATFULL

CN 1,2-Ethanedithiol, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

10/081;501,713,764,943

NAME)

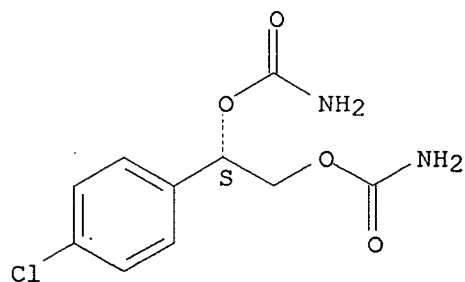
Absolute stereochemistry. Rotation (-).



RN 194085-63-7 USPATFULL

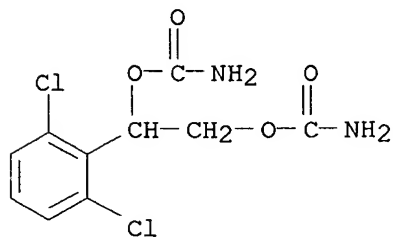
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-64-8 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

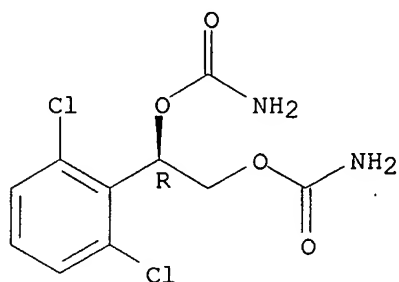


RN 194085-65-9 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

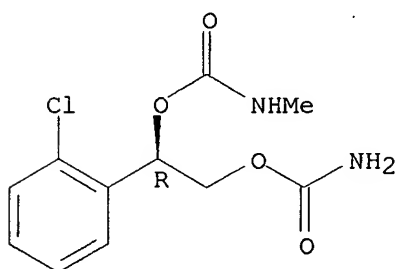
10/081;501,713,764,943



RN 194085-66-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate),  
(1R)- (9CI) (CA INDEX NAME)

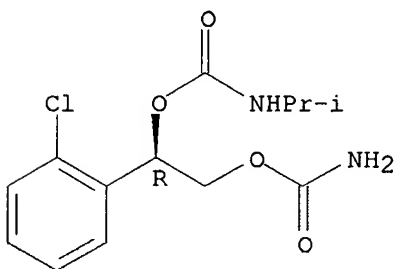
Absolute stereochemistry. Rotation (+).



RN 194085-67-1 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

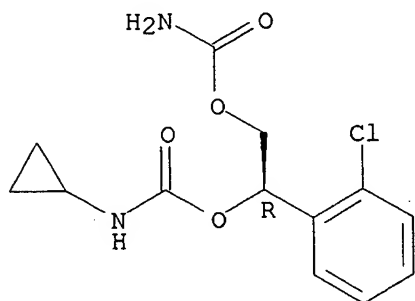


RN 194085-68-2 USPATFULL

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

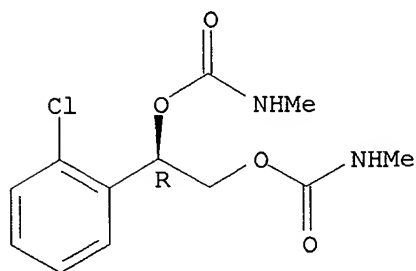
10/081;501,713,764,943



RN 194085-69-3 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

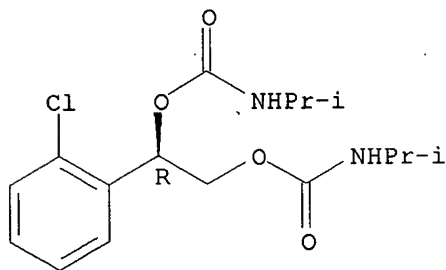
Absolute stereochemistry.



RN 194085-70-6 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

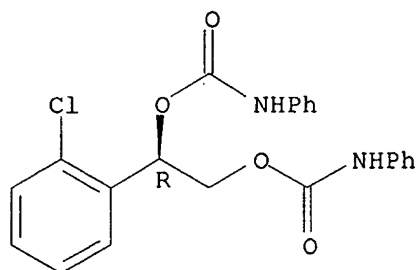


RN 194085-71-7 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

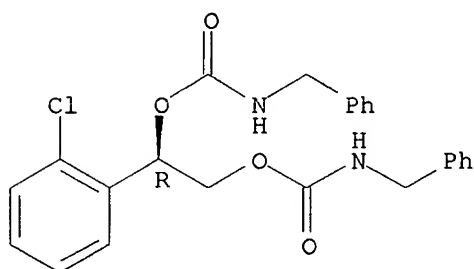
10/081;501,713,764,943.



RN 194085-72-8 USPATFULL

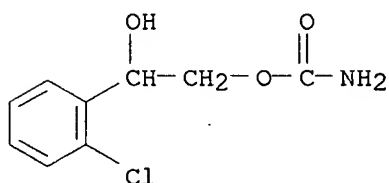
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 USPATFULL

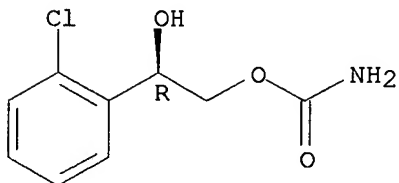
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-74-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

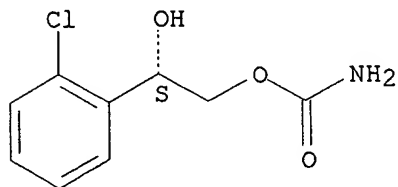


RN 194085-75-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

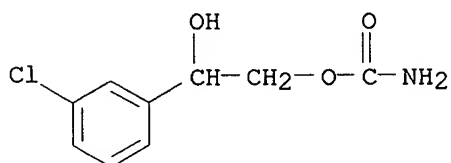
10/081;501,713,764,943

Absolute stereochemistry. Rotation (+).



RN 194085-76-2 USPATFULL

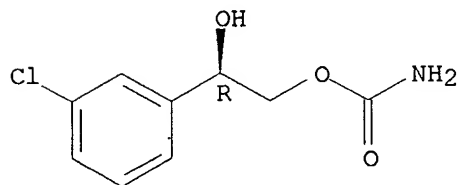
CN 1,2-Ethanedione, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-77-3 USPATFULL

CN 1,2-Ethanedione, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

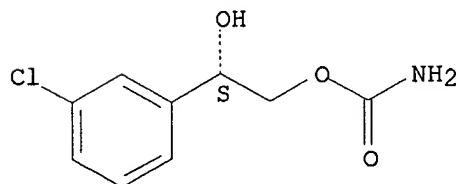
Absolute stereochemistry.



RN 194085-78-4 USPATFULL

CN 1,2-Ethanedione, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



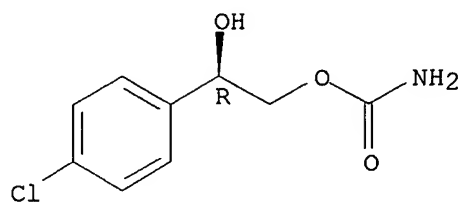
RN 194085-79-5 USPATFULL

CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



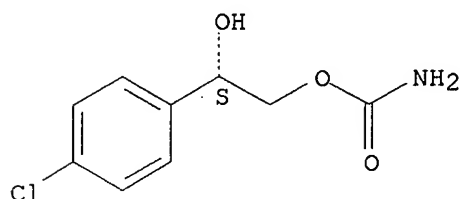
10/081;501,713,764,943



RN 194085-80-8 USPATFULL

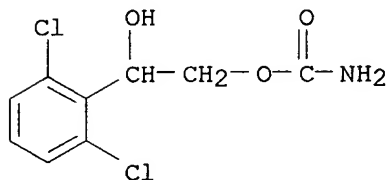
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-81-9 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



L4 ANSWER 30 OF 31 USPATFULL

AN 1998:162545 USPATFULL

TI Halogen substituted carbamate compounds from 2-phenyl-1,2-ethanediol

IN Choi, Yong Moon, Towaco, NJ, United States

Kim, Min Woo, Montvale, NJ, United States

Park, Jeonghan, Flanders, NJ, United States

PA Yukong Limited, Seoul, Korea, Republic of (non-U.S. corporation)

PI US 5854283 19981229

AI US 1997-781101 19970109 (8)

RLI Continuation-in-part of Ser. No. US 1996-586497, filed on 16 Jan 1996, now patented, Pat. No. US 5698588

DT Utility

FS Granted

EXNAM Primary Examiner: Shippen, Michael L.

LREP Abelman, Frayne & Schwab

CLMN Number of Claims: 6

ECL Exemplary Claim: 1,3

DRWN No Drawings

LN.CNT 548

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The optically pure forms of monocarbamates of halogenated 2-phenyl-1,2-ethanediol and dicarbamates of 2-phenyl-1,2-ethanediol

10/081;501,713,764,943

have been found to be effective in the treatment of disorders of the central nervous system, especially as anti-convulsive or anti-epileptic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

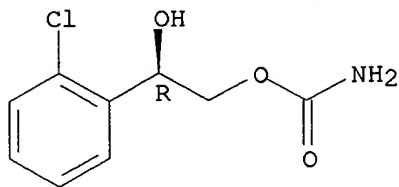
IT 194085-74-0P

(prepn. of 1-halophenyl-1,2-ethanediol (di)carbamates as anticonvulsants)

RN 194085-74-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



IT 194085-57-9P 194085-58-0P 194085-59-1P

194085-60-4P 194085-61-5P 194085-62-6P

194085-63-7P 194085-64-8P 194085-65-9P

194085-66-0P 194085-67-1P 194085-68-2P

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194085-72-8P 194085-73-9P 194085-75-1P

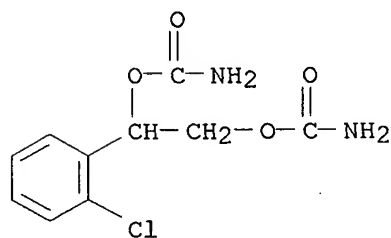
194085-76-2P 194085-77-3P 194085-78-4P

194085-79-5P 194085-80-8P 194085-81-9P

(prepn. of 1-halophenyl-1,2-ethanediol (di)carbamates as anticonvulsants)

RN 194085-57-9 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

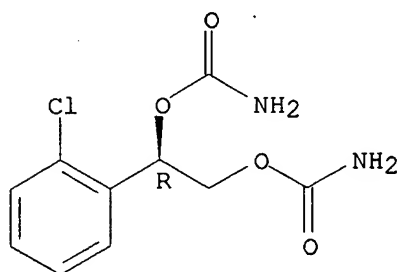


RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

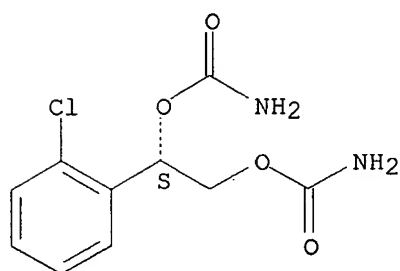
10/081;501,713,764,943



RN 194085-59-1 USPATFULL

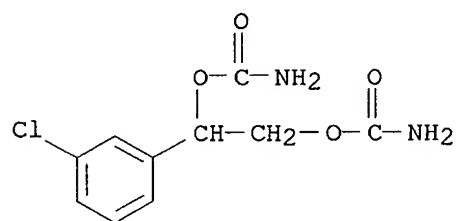
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Absolute stereochemistry. Rotation (-).



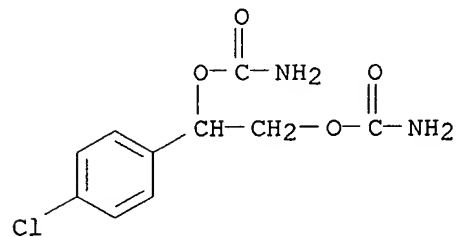
RN 194085-60-4 USPATFULL

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-61-5 USPATFULL

CN 1,2-Ethanedithiol, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



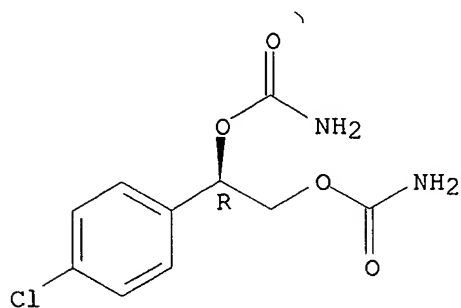
RN 194085-62-6 USPATFULL

CN 1,2-Ethanedithiol, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

10/081;501,713,764,943

NAME)

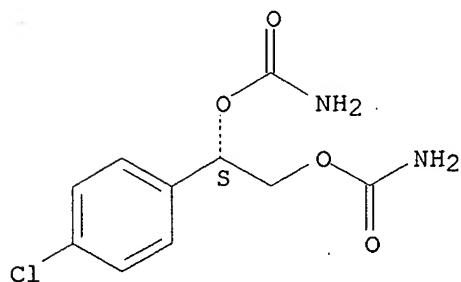
Absolute stereochemistry. Rotation (-).



RN 194085-63-7 USPATFULL

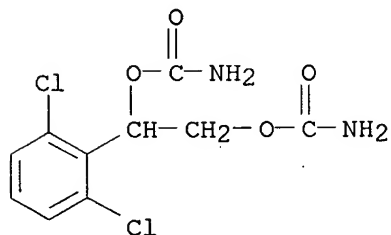
CN 1,2-Ethandiol, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-64-8 USPATFULL

CN 1,2-Ethandiol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

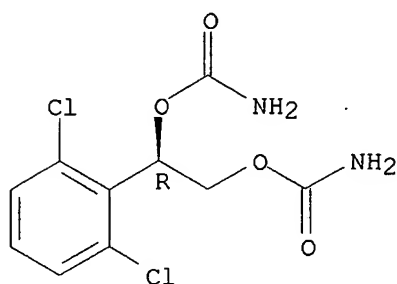


RN 194085-65-9 USPATFULL

CN 1,2-Ethandiol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

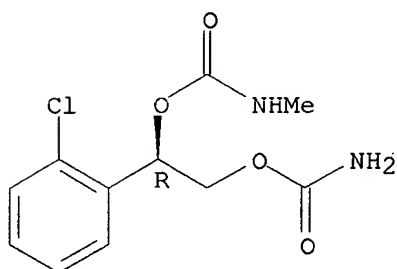
10/081;501,713,764,943



RN 194085-66-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

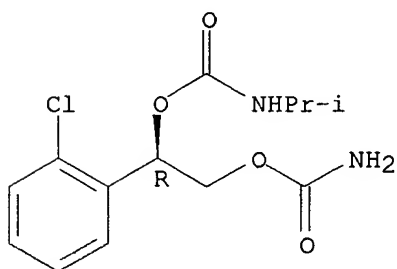
Absolute stereochemistry. Rotation (+).



RN 194085-67-1 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

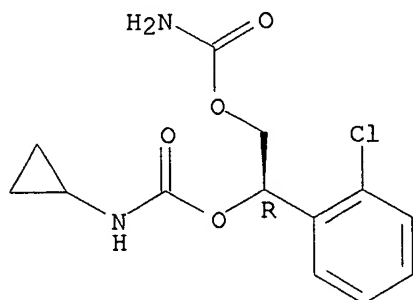


RN 194085-68-2 USPATFULL

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

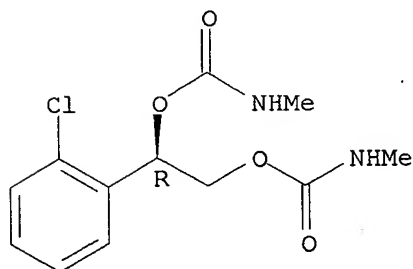
Absolute stereochemistry. Rotation (+).

10/081;501,713,764,943



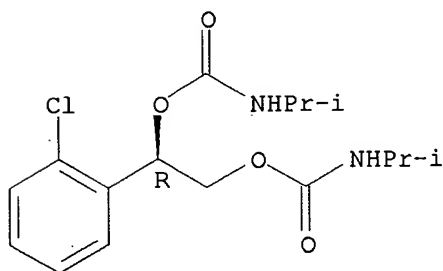
RN 194085-69-3 USPATFULL  
CN 1,2-Ethanol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



RN 194085-70-6 USPATFULL  
CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

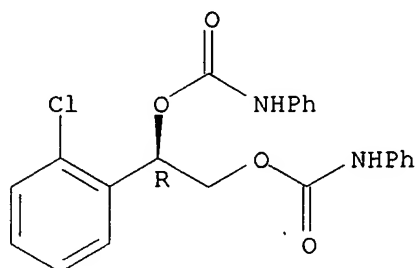
Absolute stereochemistry. Rotation (+).



RN 194085-71-7 USPATFULL  
CN 1,2-Ethanol, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

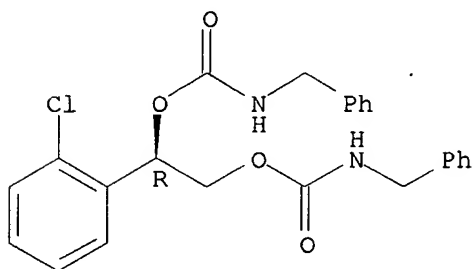
10/081;501,713,764,943



RN 194085-72-8 USPATFULL

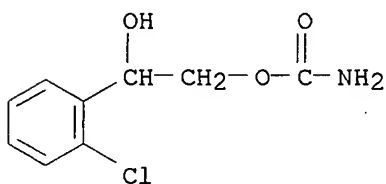
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 USPATFULL

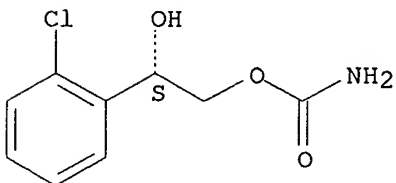
CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-75-1 USPATFULL

CN 1,2-Ethanedithiol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

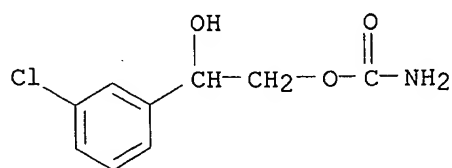
Absolute stereochemistry. Rotation (+).



RN 194085-76-2 USPATFULL

CN 1,2-Ethanedithiol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)

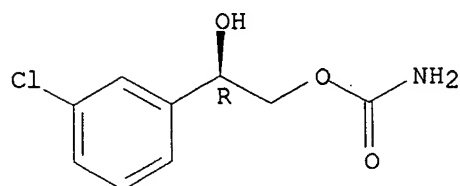
10/081;501,713,764,943



RN 194085-77-3 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

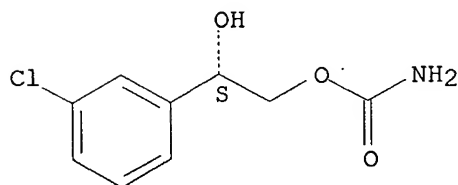
Absolute stereochemistry.



RN 194085-78-4 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

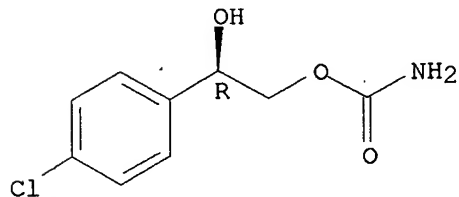
Absolute stereochemistry. Rotation (+).



RN 194085-79-5 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



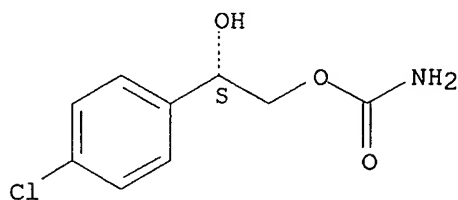
RN 194085-80-8 USPATFULL

CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

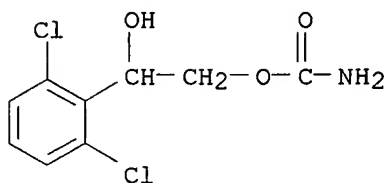
Absolute stereochemistry. Rotation (+).



10/081;501,713,764,943



RN 194085-81-9 USPATFULL  
CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



L4 ANSWER 31 OF 31 USPATFULL  
AN 97:118078 USPATFULL  
TI Halogen substituted carbamate compounds from 2-phenyl-1,2-ethanediol  
IN Choi, Yong Moon, Towaco, NJ, United States  
Kim, Min Woo, Montville, NJ, United States  
PA Yukong Limited, Seoul, Korea, Republic of (non-U.S. corporation)  
PI US 5698588 19971216  
AI US 1996-586497 19960116 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Shippen, Michael L.  
LREP Abelman, Frayne & Schwab  
CLMN Number of Claims: 7  
ECL Exemplary Claim: 1,3  
DRWN No Drawings  
LN.CNT 351  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The pure enantiomeric forms, as well as enantiomeric mixtures excluding the racemic mixture of monocarbamates of 2-phenyl-1,2-ethanediol substituted with more than one halogen atom on the phenyl ring and dicarbamates of 2-phenyl-1,2-ethanediol substituted with more than one halogen atom on the phenyl ring have been found to be effective in the treatment of disorders of the central nervous system.

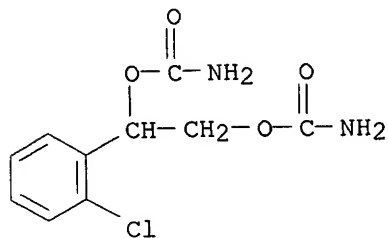
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 194085-57-9P 194085-58-0P 194085-59-1P  
194085-60-4P 194085-61-5P 194085-62-6P  
194085-63-7P 194085-64-8P 194085-65-9P  
194085-66-0P 194085-67-1P 194085-68-2P  
194085-69-3P 194085-70-6P 194085-71-7P  
194085-72-8P 194085-73-9P 194085-74-0P  
194085-75-1P 194085-76-2P 194085-77-3P  
194085-78-4P 194085-79-5P 194085-80-8P  
194085-81-9P  
(prepn. of 2-(halophenyl)-2-hydroxyethyl carbamate and dicarbamate antiepileptics and anticonvulsants)

RN 194085-57-9 USPATFULL

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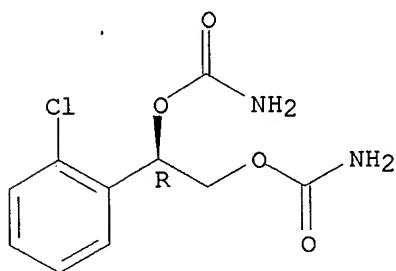
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-58-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

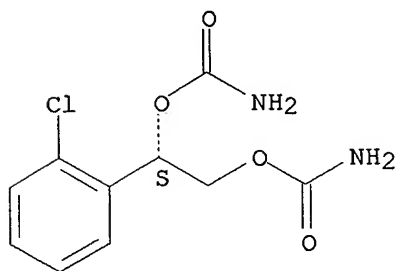
Absolute stereochemistry. Rotation (+).



RN 194085-59-1 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

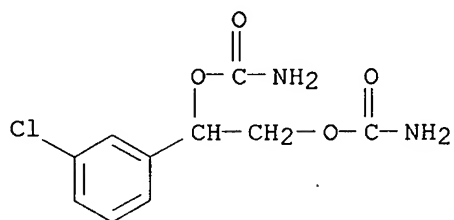
Absolute stereochemistry. Rotation (-).



RN 194085-60-4 USPATFULL

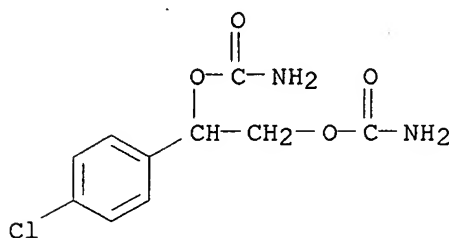
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)

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RN 194085-61-5 USPATFULL

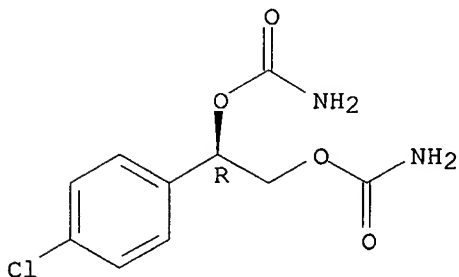
CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-62-6 USPATFULL

CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

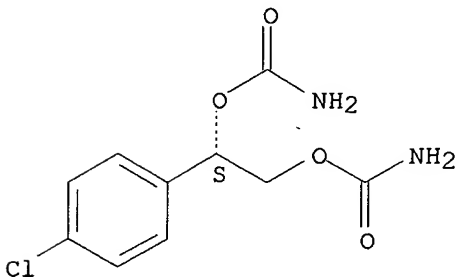
Absolute stereochemistry. Rotation (-).



RN 194085-63-7 USPATFULL

CN 1,2-Ethanedione, 1-(4-chlorophenyl)-, dicarbamate, (1S)- (9CI) (CA INDEX NAME)

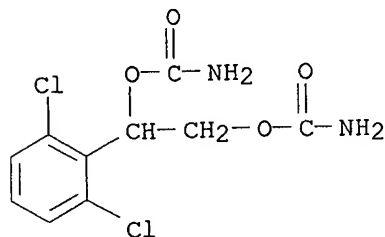
Absolute stereochemistry. Rotation (+).



10/081;501,713,764,943

RN 194085-64-8 USPATFULL

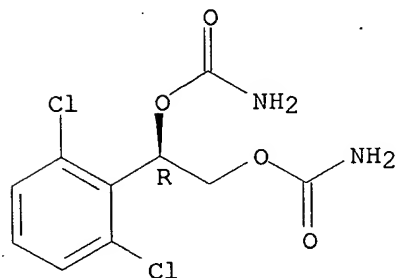
CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate (9CI) (CA INDEX NAME)



RN 194085-65-9 USPATFULL

CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, dicarbamate, (1R)- (9CI) (CA INDEX NAME)

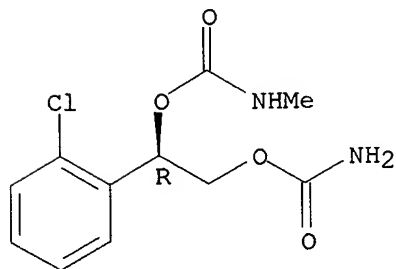
Absolute stereochemistry. Rotation (+).



RN 194085-66-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate 1-(methylcarbamate), (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

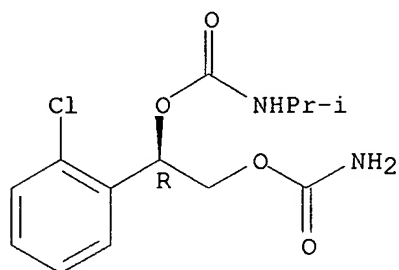


RN 194085-67-1 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

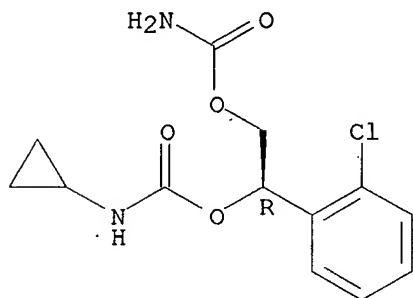
10/081;501,713,764,943



RN 194085-68-2 USPATFULL

CN Carbamic acid, cyclopropyl-, (1R)-2-[(aminocarbonyl)oxy]-1-(2-chlorophenyl)ethyl ester (9CI) (CA INDEX NAME)

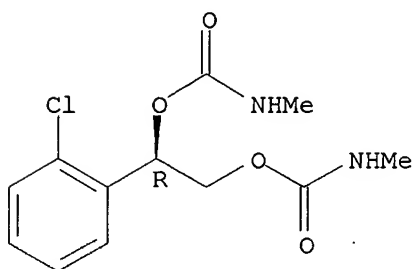
Absolute stereochemistry. Rotation (+).



RN 194085-69-3 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, bis(methylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

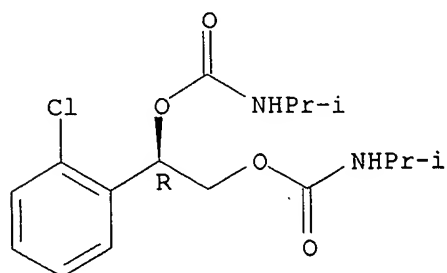


RN 194085-70-6 USPATFULL

CN Carbamic acid, (1-methylethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl ester (9CI) (CA INDEX NAME)

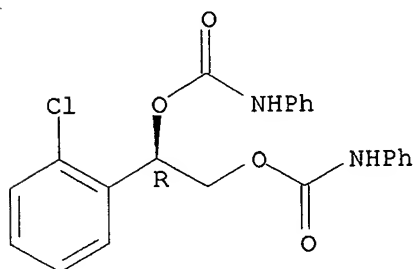
Absolute stereochemistry. Rotation (+).

10/081;501,713,764,943



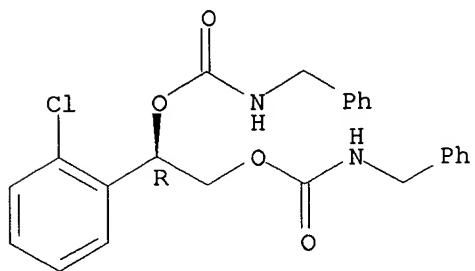
RN 194085-71-7 USPATFULL  
CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, bis(phenylcarbamate), (1R)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

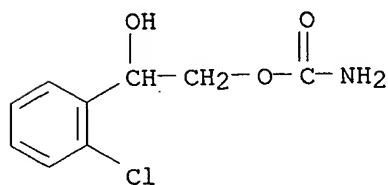


RN 194085-72-8 USPATFULL  
CN Carbamic acid, (phenylmethyl)-, (1R)-1-(2-chlorophenyl)-1,2-ethanediyl  
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-73-9 USPATFULL  
CN 1,2-Ethanedione, 1-(2-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)

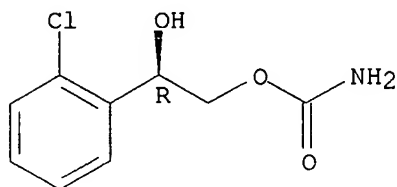


10/081;501,713,764,943

RN 194085-74-0 USPATFULL

CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

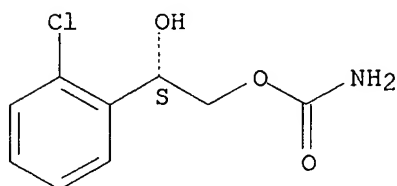
Absolute stereochemistry. Rotation (+).



RN 194085-75-1 USPATFULL

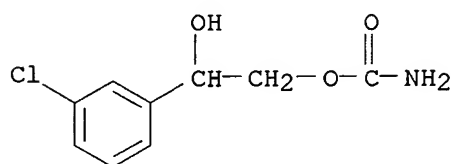
CN 1,2-Ethanediol, 1-(2-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-76-2 USPATFULL

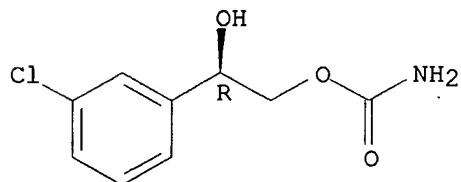
CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)



RN 194085-77-3 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

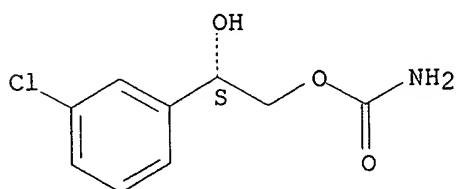


RN 194085-78-4 USPATFULL

CN 1,2-Ethanediol, 1-(3-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

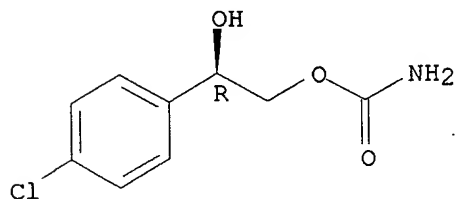
10/081;501,713,764,943

Absolute stereochemistry. Rotation (+).



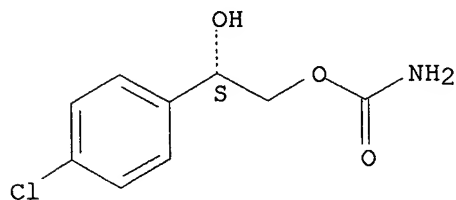
RN 194085-79-5 USPATFULL  
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194085-80-8 USPATFULL  
CN 1,2-Ethanediol, 1-(4-chlorophenyl)-, 2-carbamate, (1S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 194085-81-9 USPATFULL  
CN 1,2-Ethanediol, 1-(2,6-dichlorophenyl)-, 2-carbamate (9CI) (CA INDEX NAME)

